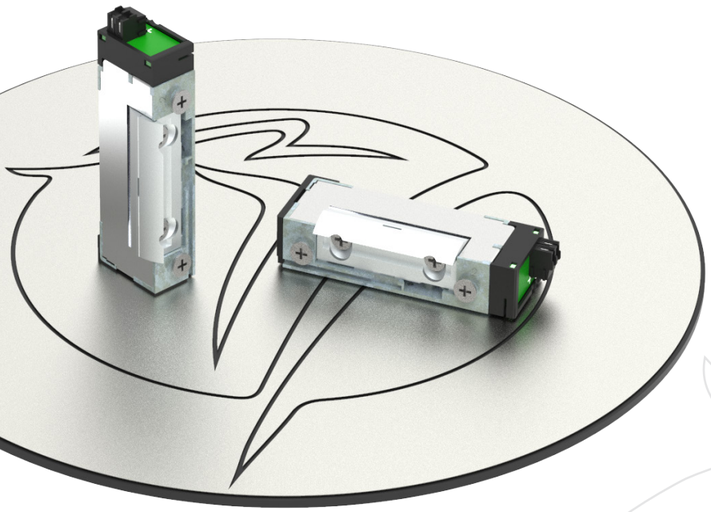
EN

GENERAL CATALOGUE

DORCAS

AGILITY
INNOVATION
QUALITY

THANK YOU FOR INSPIRING US!



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OUR STORY

In 1971, in Siete Aguas, a town full of history and tradition, MONTAJES ELECTRÓNICOS DORCAS, S.L. was set up by José Vicente Ibánez and several other partners, with all the excitement and enthusiasm that comes from setting off on an adventure that hasn't finished yet.

Since its foundation, it has maintained the philosophy instilled by José Vicente Ibáñez: **People together, united and happy.**

In 1982, Spain and its economy were changing, DORCAS defied the crisis and strengthened its position in the national market, specialising in the manufacture of electromechanical opening systems.

10 years later the export market started to grow. CAD systems were introduced to facilitate industrial automation and by the year 2000 DORCAS had built a worldwide presence, taking its products to more than 70 countries spread over 5 continents.

In 2002, DORCAS moved to new installations as a result of the company's significant growth. In 2008 two of DORCAS' most relevant products to date, the 54 series, the most sold series, and the DUO, an electromechanical lock introducing a groundbreaking system.

In 2011, when the company celebrated 40 years in business, Pablo Ibáñez, José Vicente's son, was appointed CEO of DORCAS, conserving the same philosophy handed down by his father and increasing the product range to meet the needs of the market and of our customers.

Once again, in 2015, DORCAS grew strongly, incorporating more automation in its processes, thereby embarking on a new market strategy. After this strategy, introduced by Pablo Ibáñez, in 2018 secured the number 2 spot in the world in terms of strike production volume.

Since 2018 it has continued to grow consistently. Our non-conformist and persevering nature has allowed us, step by step, to develop a very extensive range of products, to the point of having more than 5000 different models of electric lock openers adapted to different standards and to the different needs of the 5 continents.

After more than 50 years in the business, today at DORCAS we are still committed to the future and that is why innovation is such a distinctive feature of our company; we have an active R&D department that uses the latest technologies and tools to design new models and optimal solutions.

WE ARE GRATEFUL FOR WHAT WE HAVE, BUT WE HAVE OUR SIGHTS SET ON MORE

CORPORATE VALUES

AGILITY INNOVATION QUALITY

We listed to our customers' suggestions to be more **agile** on adapting the product to a new requirement and therefore achieve excellence in each of our products.

Innovation and the latest technologies from our R&D department are key for us to constantly offer new models and new solutions. And all this, with the aim of adequately serving the needs of a constantly evolving market, offering appropriate, personalised and up-to-date service.

At DORCAS, we pride ourselves on offering the best products on the market in this sector.

Quality certificates from top laboratories, patents and designs adapted to the different international standards and to each specific situation back up our range of solutions.

WHAT DO WE OFFER AT DORCAS?

From the outset, we have specialised in the design and manufacture of electromechanical opening systems and, with the aim of offering the optimal solution in all kinds of situations, we have managed to expand our product range to a large degree. Today, we continue to work on this with great enthusiasm and application, with our sights set on the future.

Thanks to these efforts and the perseverance of our team, we at DORCAS can proudly say that we offer 100% effective solutions to cover any need, anywhere.

Our range currently includes over 10 different types of product, from strikes to access controls, electromechanical locks, door operators, electromagnetic locks, push buttons, transformers, among others.

HOW FAR DO OUR PRODUCTS REACH?

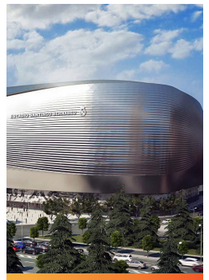
From the outset at DORCAS we have been strongly established in Europe.

Our sales team travels the world attending to the needs of our customers, providing the personalised service that marks us out from the rest. Opening up new markets in emerging countries.

With a strong international vocation, DORCAS currently markets its products in more than 75 countries, spread over the five continents, adapting to the most varied standards and circumstances.

BENCHMARKED BY LOCATIONS WORLDWIDE

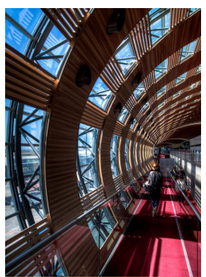
Eurodisney
Paris



Santiago Bernabeu Stadium
Madrid

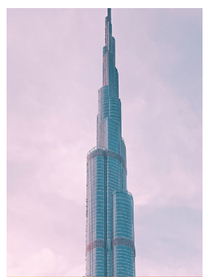
City of Arts and Sciences
Valencia

Adolfo Suarez *Airport*
Madrid



Charles de Gaulle Airport
Paris

El Prat Airport
Barcelona



Burj Khalifa
Dubai

Palm Jumeirah
Dubai

WHAT DO YOU GET?

EXPERIENCE

In 50 years DORCAS has always been at the forefront of electric strikes, meeting the needs of a constantly evolving market. We are proud of everything we have achieved over these 50 years plus, but we have our sights set on a lot more in the next 50.

"ATTITUDE IS THE KEY TO SUCCESS"

MANUFACTURE

To guarantee the 100% of the quality of our products we undertake all the manufacturing processes from the idea through to the packaging. All our products have passed the strictest quality controls. Successfully tested products have turned our brand into the leader in electric strikes.

"YOU DON'T SAY THINGS, YOU DO THEM. BECAUSE WHEN YOU DO THEM, THEY SPEAK FOR THEMSELVES"

TECHNOLOGY

Our innovation philosophy is based on a commitment to the most advanced technologies. So we invest in the research and development of products and solutions with safety and efficiency as the prime concerns in order to remain leader.

"WE KNOW WHAT WE ARE, BUT WE DON'T YET KNOW WHAT WE CAN BECOME"

ADVICE

Tell us what you need and we will offer you the ideal products. We will tell you what the best way to go about it is. We are at your disposal.

If you need a new tailored solution for your project, we will create it.

"ONLY THINGS YOU DON'T TRY TO DO ARE IMPOSSIBLE"

CUSTOMISATION (OEM)

Thanks to our extensive experience, at DORCAS we are consummate experts in the customisation of our product range, working together with our customers and carrying out this process quickly and efficiently, achieving a high level of customer satisfaction.

"THE REAL LUXURY IS THE CUSTOMISATION"

AFTER SALE SERVICE

We make the best team available to ensure you get the best possible experience before, during and after the purchase. This way, we maintain a lasting relationship with our customers, always meeting their expectations and needs.

"INSTEAD OF FOCUSING ON THE COMPETITION, FOCUS ON THE CUSTOMER"

DORCAS ICONOGRAPHY

Alternating (AC) and direct (DC) current

Alternating current

Direct current

12V in DC

Multi-voltage from 10 to 24 in AC or DC

Bi-voltage 12 or 24 in DC

Unlocking

Non-radial latch

Radial latch

Symmetrical

Flex flap adjustment

Monitoring

x kg Breakage limit

Timer

Easy to fit

Flush-mounted installation

Surface-mounted installation

DST technology

Fail secure & fail safe

Fail secure

Fail safe

Non-reversible

Reversible

Repositioning

Din left

Din right

Preload

x kg of preload in fail secure

x kg of preload in fail safe and fail secure

Monoblock latch

For panic bars

Key opening

Weather resistant

Universal

Automatic normal

Automatic sliding

For sliding door

For double glass leaf

For glass leaf

Long latch

Deep latch

TOP cover system

Small size

Evacuation routes

Fire-resistant

Fire-resistant 60 minutes

Fire-resistant 120 minutes

Water resistant IP68

Water resistant

Dust resistant

CE Marking

Standard EN 14846

Standard EN 61 -937

Maximum security

For armoured doors

High-resistance

Electric opening

Opens electrically or with key

Opens electrically or manually

Opens manually or with key

Opens with push-button, manual or key

Opens with card, key or keyboard

Opening with card, key or remote control

Day and night

Audio signal

Motorised

Keyboard

Card

Card or key fob

Remote control

Recognition by fingerprint

Face recognition

Pinion mechanism

Cam mechanism

User register

Schedule management

Bluetooth

4G

For businesses

For people with reduced mobility

Invisible

Master key systems

DORCAS app

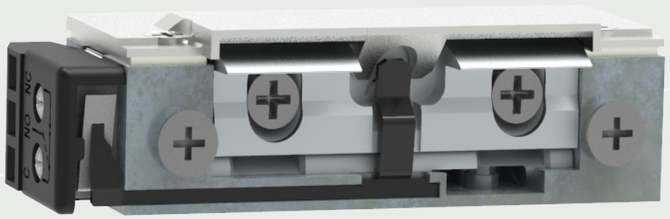
New product

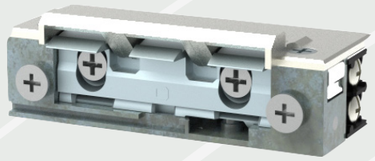
ELECTRIC STRIKES

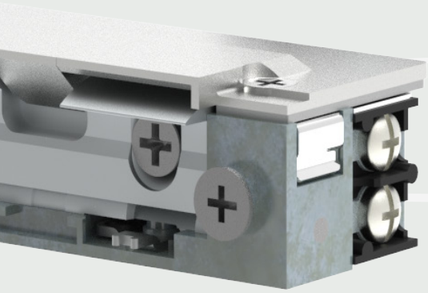
WHAT IS AN ELECTRIC STRIKE?

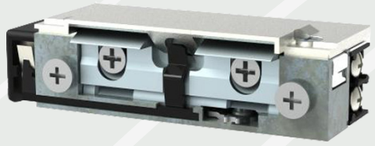
An electric strike is an electromechanical device that is installed in the door frame, enabling the door to be opened by an electrical operation.

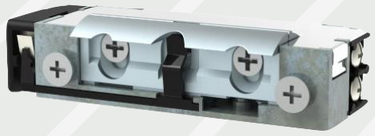
At DORCAS we have a wide range of electric strikes with different functions and features that make our product the solution to any problem or need.



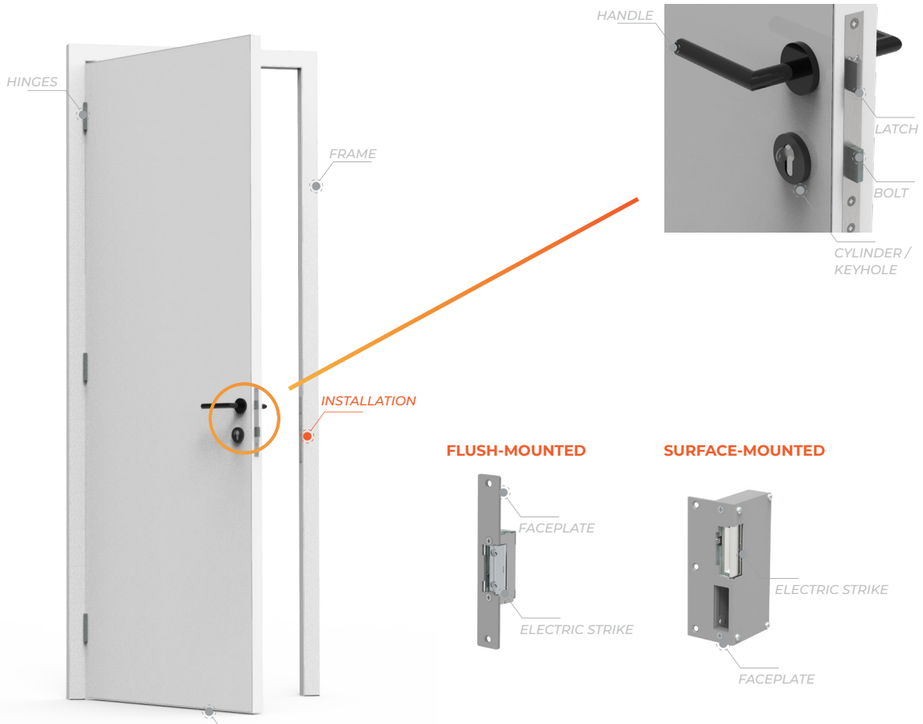








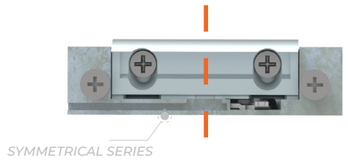
AT THE FOREFRONT OF
ELECTRIC STRIKES

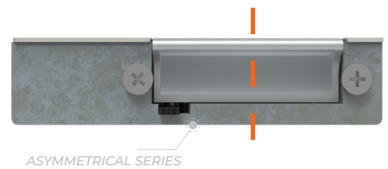


SYMMETRY

We have always worked in such a way as to offer 100% symmetrical solutions to make it easier for the user to select and to install. The great advantage of the symmetrical models is that the mortising in the door frame will be identical in a din left or din right installation. All symmetrical strikes are also reversible, which makes them suitable for both din left and din right installations.

If we add certain features of the series, such as monitoring, the symmetry of the model may be lost.





REVERSIBILITY

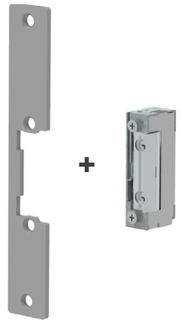
In the case of non-symmetrical strikes, these can be reversible, such as the 30 series, or non-reversible, such as the 77 series. For non-reversible models, a choice of hand, din left or din right, must be made in accordance with the DIN 107 regulation:

TYPE OF INSTALLATION

FLUSH-MOUNTED

A flush-mounted strike is installed inside the door frame.

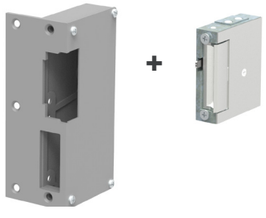
It consists of a bracket or faceplate and a mechanism box.



SURFACE-MOUNTED

A surface-mounted strike is installed on the door frame when the installation does not allow for flush-mounting.

It is composed of a mechanism box and a cover to be surface-mounted.



REGULATION DIN 107

Standing on the side from which we are pulling the door, if the hinges are seen on the left, it will be a din left door.

You need to order a DIN LEFT or right-hand strike.

Standing on the side from which we are pulling the door, if the hinges are seen on the right, it will be a din right door.

You need to order a DIN RIGHT or left-hand strike.

TYPES OF OPERATION

NORMAL FUNCTION *N*

In the normal function (N) of a door strike, in its idle position it remains closed keeping the door locked and when it receives an electrical impulse, the door strike unlocks allowing the door to be opened. The unlocked time will be the same as the electrical impulse time.

STANDARD DELAY ACTION *A*

Standard delay action (A) provides the door strike with a memory function, that is, when it receives an electrical impulse and is unlocked, the electric strike will remain unlocked allowing the door to be opened until the door is opened.

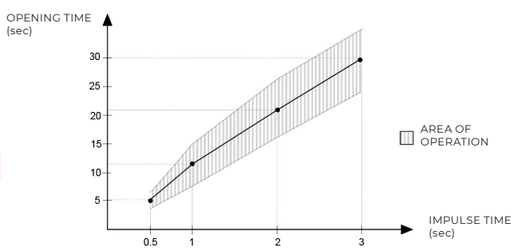
Standard delay action (A) This function is made possible by a bolt on the bracket of the mechanism in combination with the door's latch, which activates the automatic function when the strike receives current.

Sliding delay action (Ab) is a new feature incorporated in some of DORCAS' latest electric strikes. The bolt of the delay action mode has been replaced by a part that moves together with the flap when it is fitted to the door latch, improving the automatic operating range compared to the above.

Invisible delay action (Aa) gives the electric strike the delay action without any additional mechanism or part external to it thanks to its internal construction. A short electrical pulse period is recommended for this version to operate correctly.

TIME DELAY ACTION *At*

Time delay action (At) provides the automatic function for a specific time. When the electric strike receives an electrical impulse, the door is ready to open for a time proportional to the duration of the impulse (between 5 and 30 sec.) and then closes again if it has not been opened.



FUNCTIONS

FLEX LATCH

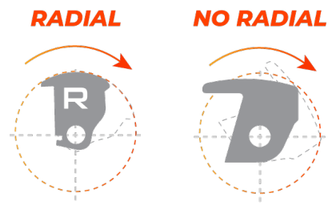
The FLEX latch version consists of a jaw that allows movement in the design's mounting holes. We can adjust the position of the jaw to different positions depending on the series the strike belongs to. With this adjustment we get a more accurate alignment with the latch of the lock reducing the door's clearance and getting a more precise door installation.

MONOBLOCK LATCH

The monoblock latch version is the more traditional option, and more reinforced models can be offered with it.

RADIAL / NON-RADIAL LATCH

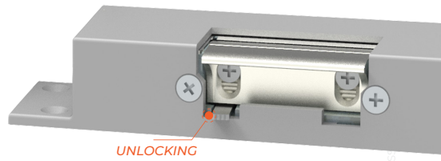
The radial latch option incorporates a system that rotates on an axis displaced towards the base of the electric strike itself, allowing the door to be opened with a smaller rotation arc of the latch. Thanks to this option, the cut-out to be made in the door frame is considerably smaller and it also allows the electric strike to be upgraded with additional functions such as top systems.



UNLOCKING

This consists of a mechanical and manual lever that enables us to leave the electric strike permanently unlocked. To activate the unlocking we just have to move the lever to obtain permanent opening without needing any electricity. When we want to put the electric strike back to its normal state, we move the lever in the opposite direction.

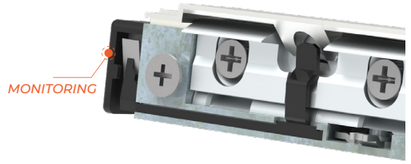
This option is ideal for main street doors where you want to leave the door open for long periods of time: building works, porters' lodge, etc.



MONITORING

305 monitoring offers the chance to incorporate a microswitch or activator that gives us information on the door's status (open or closed). The series of electronic strikes fitted with 305 monitoring have a COM / NO - NC to indicate the door's status.

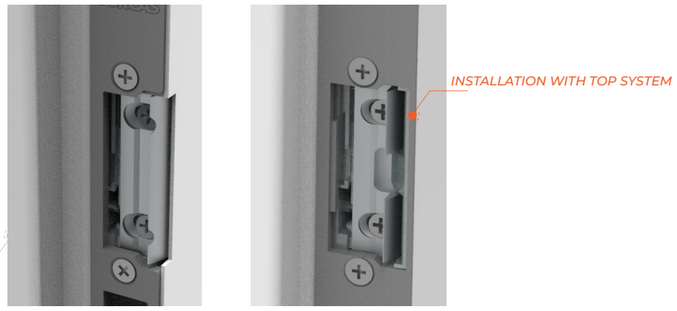
325 monitoring, additional to 305, provides us with information on the system's status (locked or unlocked).



TOP SYSTEM

The TOP system is entered in DORCAS as a new system that facilitates the guiding (entry and exit) of the latch in the strike. This system avoids having to make cut-outs in the frame.

MORE PRECISE AND ATTRACTIVE INSTALLATIONS



TOP

TOP version with a central guide ramp, which facilitates the guiding of the latch into the strike.

Version in STEEL
Version in MIM

DOUBLE TOP

It has been developed to enable the TOP system to be combined with automatic sliding (AB), something not available until now. Furthermore, the two ramps provide a greater range of action.

TOP 2

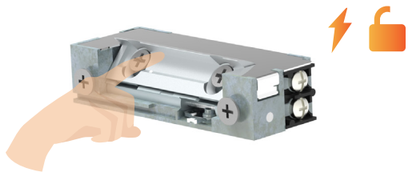
This version has an exterior extension that facilitates the entry of the latch, making for a less aggressive closure. This system allows for the refitting of a NO TOP electric strike and faceplate with a cut-out already made in the frame. Especially indicated for PVC.

ELECTRICAL FUNCTIONS

FAIL SECURE

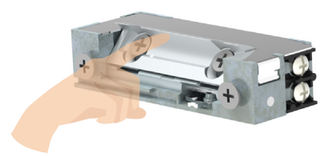
The electric strike idle position is closed.

On receiving current the system unlocks allowing the door to be opened.



FAIL SAFE

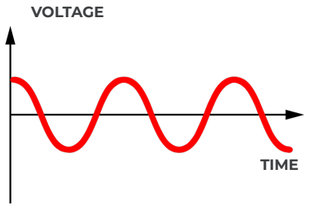
The electri strike idle position is opened.



On receiving current the system locks allowing the door to be closed.

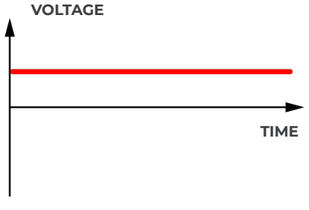
ALTERNATING CURRENT

Alternating current is the most used and widespread form of energy. This type of power supply is the one in which we hear the classic buzzing when power is supplied. This type of power supply is indicated for use by pulsing or short spaces of time (3,5,10 seconds).



DIRECT CURRENT

Direct current allows for a more silent supply and it is also the current indicated for applications that require continual or long periods of supply (400 - 500). It is also the current used in low-consumption electric strikes.



In direct current, the **%ED** or electrical load value needs explaining. It is a value indicated as a percentage that indicates the maximum powering time permitted so as not to damage the electricity system. DORCAS bases its %ED on a 10-minute cycle.
For example, if a strike is 20%ED, it means that the maximum electrical load cycle is 2 minutes with power, 8 minutes without power. 100%ED means that the electrical system can be powered uninterruptedly.

DST TECHNOLOGY

What is DST technology? At the R&D department we work on the development of new systems that provide products with more efficient and functional ways of working.

The DST (DORCAS SLIDING TECHNOLOGY) system ensures mechanical opening, both in normal type (fail secure) electric strikes and reversed (fail safe) electric strikes, with preload of up to 20 kg. To provide additional security, the strike is equipped with a secondary system that ensures locking if opening is not authorised.

THE TECHNOLOGY THAT CHANGES EVERYTHING.

TRADITIONAL TECHNOLOGY
SHORT BAR - LONG BAR

System in which we administer electricity and a coil moves the short bar, which releases the interlock with the long bar and allows the electric strike to open.

DST TECHNOLOGY
DORCAS SLIDING TECHNOLOGY

System in which electricity is administered, a coil pushes a sphere that allows the slider to move backwards so that the strike opens.

1 DST SYSTEM

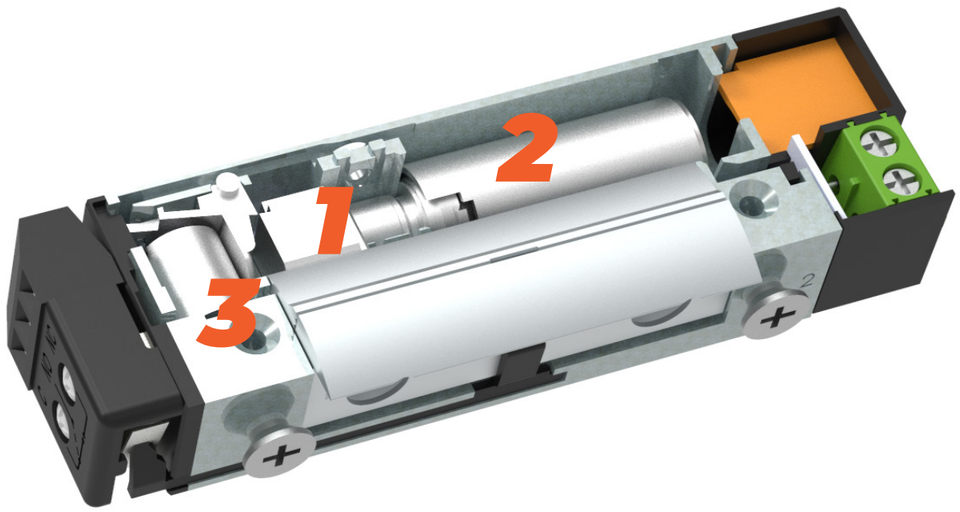
Innovative system that allows for opening with the preload.

2 MAIN COIL

The main coil is the one that receives the current, interacts with element 1, enabling the opening to be performed.

3 BACK-UP LOCKING

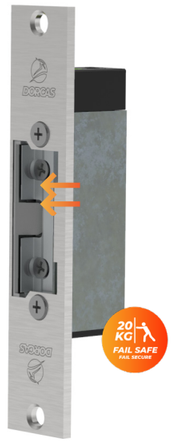
System with a second coil that ensures that the strike locks in the event of an unauthorised opening.



THE TECHNOLOGY THAT CHANGES EVERYTHING NEW

PRELOAD AT 20 KG.

Thanks to DST technology opening is possible with a preload of up to 20 kg.



FAIL SAFE

The FAIL SAFE version has a screw for regulating the opening force.

12VDC

FAIL SECURE

Another of the advantages of DST technology is that it admits preload both in FAIL SECURE and in FAIL SAFE.

12VDC

Currently 4 series of DORCAS electric strikes incorporate DST technology:

91 Series is a series developed for the Nordic market, it incorporates double monitoring (325), allowing to obtain the status signal of the door and of the internal locking system through a connector. **SF91 Series** retains all the advantages of the 91 series but is designed for fire doors.

100 Series is a electric strike of a very small size, just 16 mm wide. **SF100 Series** retains all the advantages of the 100 series but is designed for fire doors.

91 SERIES

SF91 SERIES

100 SERIES

SF100 SERIES

DORCAS STANDARD

This series is well established in the market, they are the perfect resource, both for new installations, due to their functionality and simplicity, and for refitting.

DORCAS

STANDARD

31 SERIES

Our series that is well-established in the market, **perfect for replacement and refitting** of strikes already installed.

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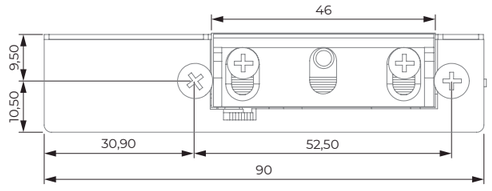
EN 14846-2008 - System 1

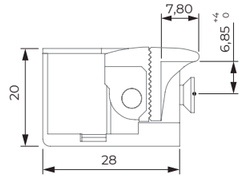
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	No
Height	90 mm
Width	20 mm
Depth	28 mm
Latch insertion depth	7.80 mm
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	2,950 N
Operating temperature	-25 / +50 °C

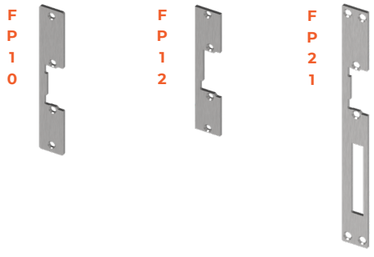
FUNCTIONS

Flex latch	Optional
Monoblock latch	Optional
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	Optional
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

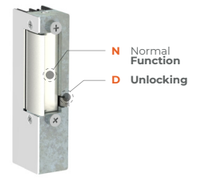
REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

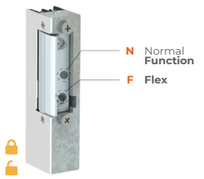
MODELS

31 N

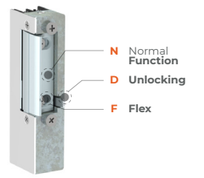
31 ND



31 NF

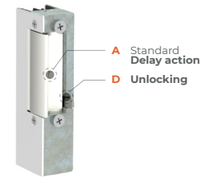


31 NDF

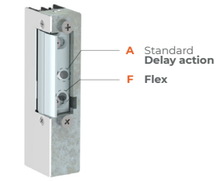


31 A

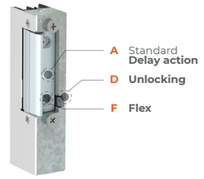
31 AD



31 AF

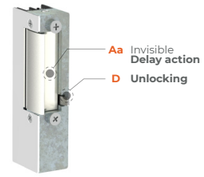


31 ADF

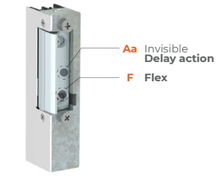


31 Aa

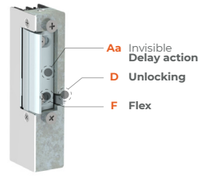
31 AaD



31 AaF



31 AaDF



For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	12	24	12(412)		24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	AC-DC	DC		DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE		FAIL SECURE	FAIL SAFE	FAIL SAFE
					N	A			
COIL RESISTANCE (Ω)	8	17	30	58	68	58	220	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	100%ED	20%ED	100%ED 12 VDC	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	260	340	-	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	380	410	180	210	120	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-	-	-		-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-		-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

STANDARD

45 SERIES

Series 45 stands out due to being symmetrical and reversible.

It offers very good **funcionality and simplicity**, both for new installations and for refitting.

3	C	5	0	-	0	0	1 0	0

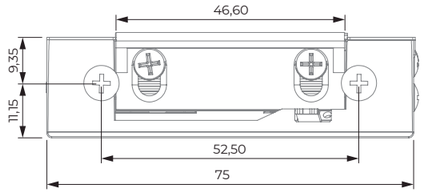
EN 14846-2008 - System 1

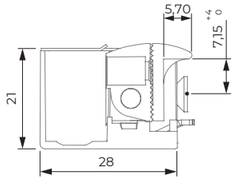
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	75 mm / 82.80 mm (305)
Width	21 mm
Depth	28 mm
Latch insertion depth	5.70 mm
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	3,300 N
Operating temperature	-25 / +50 °C

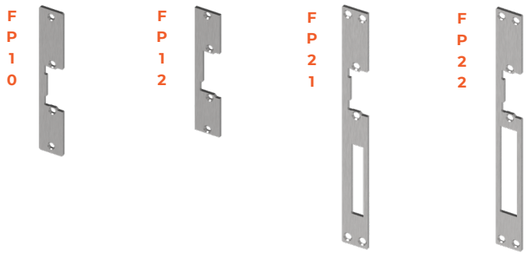
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	Optional
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



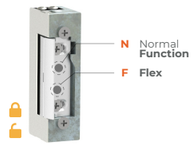
For more information on compatible faceplates, see page 160 et seq.

REGULATION

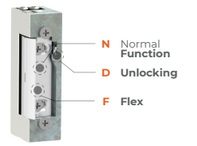
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

45 NF



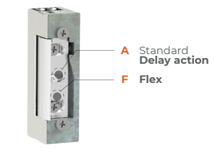
45 NDF



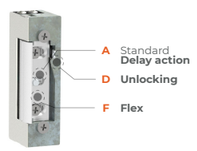
45 NF 305

45 NDF 305

45 AF

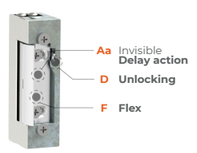


45 ADF



45 AaF

45 AaDF



For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	10-24		6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC		AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
	N	A - AB							
COIL RESISTANCE (Ω)	43	35	8	17	58	38	132	58	240
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	230 (10 V) 270 (12 V) 540 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	290 (10 V) 350 (12 V) 690 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	320	200	210	110
MAX. PRELOAD OPEN AC (N)	60N (12 V)		200N (12 V)	200N (12 V)	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	30N (12 V)		-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

STANDARD

54 SERIES

In addition to being symmetrical and reversible its **small dimensions**, (67 mm high) make it ideal for both new construction and refitting in installations where the dimensions are small.

A version with an automatic sliding system (Ab) is available, which covers a wider operating range.

3 C 5 0 - 0 0 1 0 0

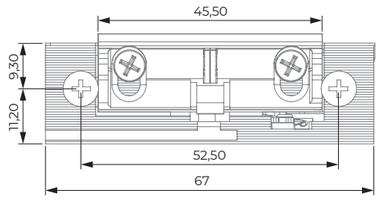
EN 14846-2008 - System 1

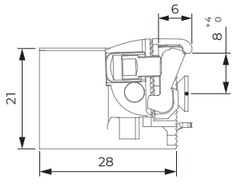
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	67 mm / 74.8 mm (305)
Width	21 mm
Depth	28 mm
Latch insertion depth	6 mm
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	3,250 N
Operating temperature	-25 / +50 °C

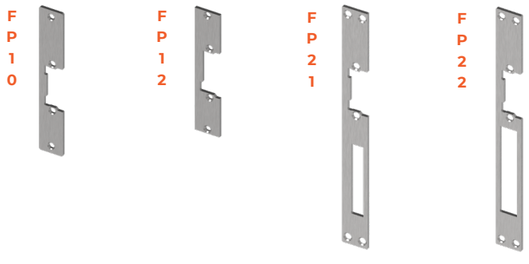
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	Optional
Unlocking (D)	Optional
Microswitch (305)	Optional
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



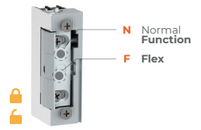
For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

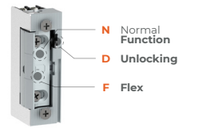
MODELS

54 NF



Jaw option **A54+**

54 NDF

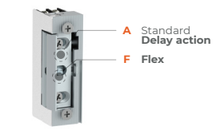


Jaw option **A54+**

54 NF 305

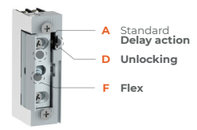
54 NDF 305

54 AF



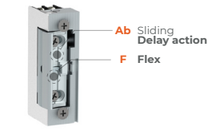
Jaw option **A54+**

54 ADF

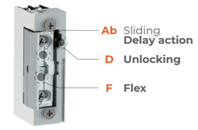


Jaw option **A54+**

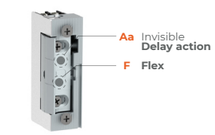
54 AbF



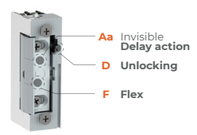
54 AbDF



54 AaF



54 AaDF



SPECIAL JAWS

A54+

Manufactured in NICKEL PLATED STEEL

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	10-24		6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC		AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
	N	A - AB							
COIL RESISTANCE (Ω)	43	35	8	17	58	38	132	58	240
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	230 (10 V) 270 (12 V) 540 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	290 (10 V) 350 (12 V) 690 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	320	200	210	110
MAX. PRELOAD OPEN AC (N)	60N (12 V)		200N (12 V)	200N (12 V)	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	30N (12 V)		-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

STANDARD

41 SERIES

Symmetrical and reversible series. Its small dimensions allow it to be installed perfectly integrated in most **European profiles** both aluminium and PVC.

SMALL SIZE

3	C	5	0	-	0	0	0	0

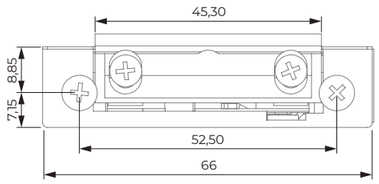
EN 14846-2008 - System 1

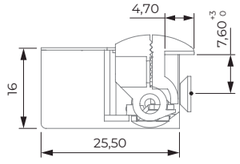
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	66 mm
Width	16 mm
Depth	25,50 mm
Latch insertion depth	6 mm
Flex latch adjustment (F)	+1 -1 mm
Electrically tested cycles	200,000
Break-in resistance	2,950 N
Operating temperature	-25 / +50 °C

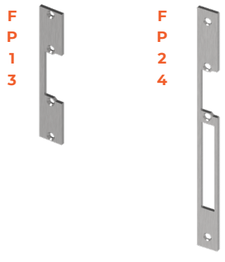
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

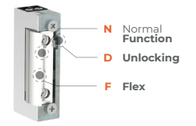
REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

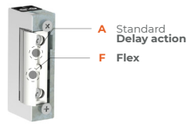
MODELS

41 NF

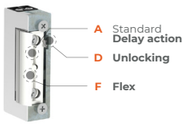
41 NDF



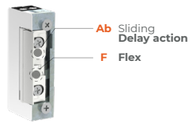
41 AF



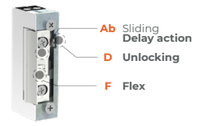
41 ADF



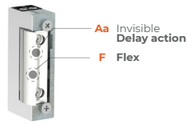
41 AbF



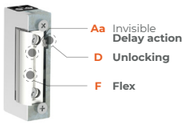
41 AbDF



41 AaF



41 AaDF



For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	30	132	58	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	400	200	210	110
MAX. PRELOAD OPEN AC (N)	200N (12 V)	200N (12 V)	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-	-	-

Maximum coil tolerance 5%

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

STANDARD

42 SERIES

Non-symmetrical series specific for installation in profiles.

Its small dimensions (16.5 mm wide) allow it to be installed perfectly integrated in most **European profiles** both aluminium and PVC.

AC-DC

3	C	5	0	-	0	0	0	0

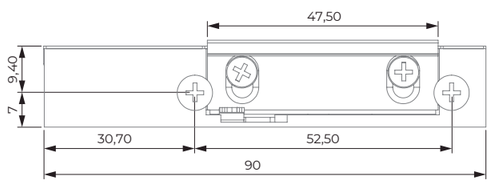
EN 14846-2008 - System 1

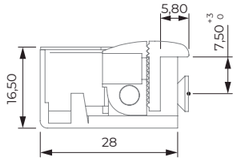
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	No
Height	90 mm
Width	16.50 mm
Depth	28 mm
Latch insertion depth	5.8 mm
Flex latch adjustment (F)	+3 -0 mm
Electrically tested cycles	200,000
Break-in resistance	2,450 N
Operating temperature	-25 / +50 °C

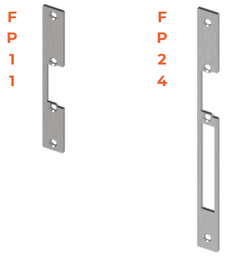
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



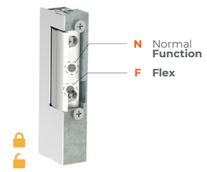
For more information on compatible faceplates, see page 160 et seq.

REGULATION

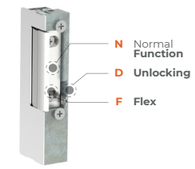
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

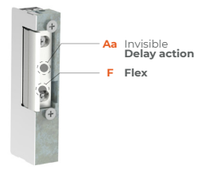
42 NF



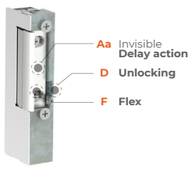
42 NDF



42 AaF



42 AaDF



NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107(*Page 13*).

DIN LEFT DIN RIGHT

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	12(412)		24(424)	12(512)	24(524)
	AC-DC	AC-DC	DC		DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE		FAIL SECURE	FAIL SAFE	FAIL SAFE
			N	A			
COIL RESISTANCE (Ω)	8	17	68	58	132	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	100%ED 12 VDC	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	-	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	180	210	200	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-		-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-		-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

STANDARD

43 SERIES

Derived from the 42 series, the 43 series maintains the main characteristics but is equipped with **radial latch**, which allows optimising the rotation of the latch and therefore a more aesthetic installation is achieved, as the door frame requires a smaller dimensioned cut-out.

3	C	5	0	-	0	0	0	0

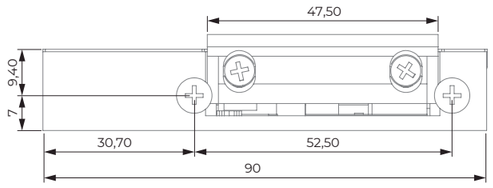
EN 14846-2008 - System 1

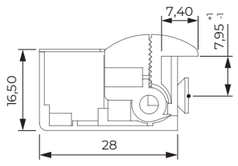
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	No
Height	90 mm
Width	16.50 mm
Depth	28 mm
Latch insertion depth	7.4 mm
Flex latch adjustment (F)	+1 -1 mm
Electrically tested cycles	200,000
Break-in resistance	2,750 N
Operating temperature	-25 / +50 °C

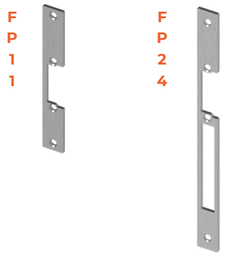
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



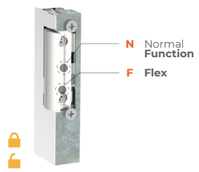
For more information on compatible faceplates, see page 160 et seq.

REGULATION

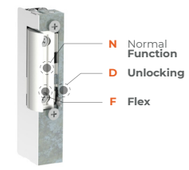
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

43 NF



43 NDF



43 AaF

43 AaDF

NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107(*Page 13*).

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	12(412)		24(424)	12(512)	24(524)
	AC-DC	AC-DC	DC		DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE		FAIL SECURE	FAIL SAFE	FAIL SAFE
			N	A			
COIL RESISTANCE (Ω)	8	17	68	58	132	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	100%ED 12 VDC	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	-	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	180	210	200	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-		-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-		-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

STANDARD

44 SERIES

Derived from the 45 series, the 44 series maintains the main characteristics but is equipped with **radial latch**, which allows optimising the rotation of the latch and therefore a more aesthetic installation is achieved, as the door frame requires a smaller dimensioned cut-out.

3	C	5	0	-	0	0	1 0	0

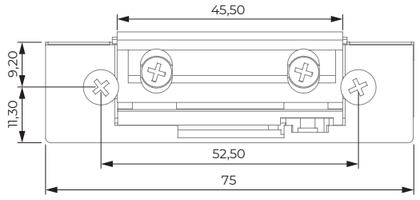
EN 14846-2008 - System 1

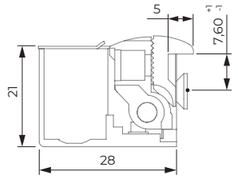
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	67 mm
Width	21 mm
Depth	28 mm
Latch insertion depth	6 mm
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	3,250 N
Operating temperature	-25 / +50 °C

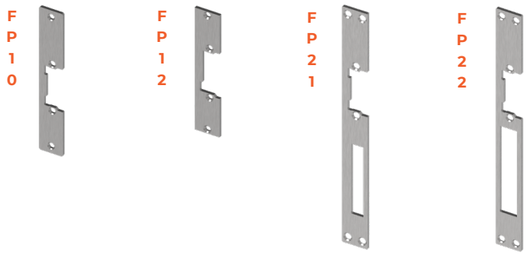
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	Optional
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



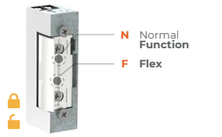
For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

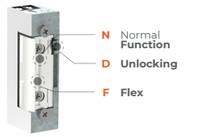
MODELS

44 NF



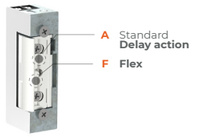
Jaw option **A44 U2**
Jaw option **A44 U2 0.5**

44 NDF

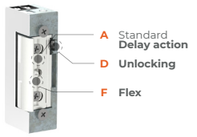


Jaw option **A44 U2**
Jaw option **A44 U2 0.5**

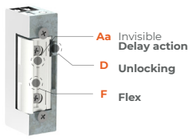
44 AF



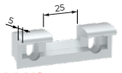
44 ADF



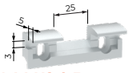
44 AaDF



SPECIAL JAWS



A44 U2
Manufactured in NICKEL PLATED STEEL



A44 U2 0.5
Manufactured in NICKEL PLATED STEEL

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	10-24		6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC		AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
	N	A - AB							
COIL RESISTANCE (Ω)	43	35	8	17	58	38	132	58	240
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	230 (10 V) 270 (12 V) 540 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	290 (10 V) 350 (12 V) 690 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	320	200	210	110
MAX. PRELOAD OPEN AC (N)	60N (12 V)		200N (12 V)	200N (12 V)	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	30N (12 V)		-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

STANDARD

50 SERIES

Reinforced, symmetrical and reversible series. Its steel latch gives it a **breaking strength of 800 kg**, making it an excellent series for installations that require additional security, heavy doors or high traffic. It has a cable outlet to facilitate its installation.

REINFORCED

800 Kg | AC-DC

3 C 5 0 - 0 0 10 0

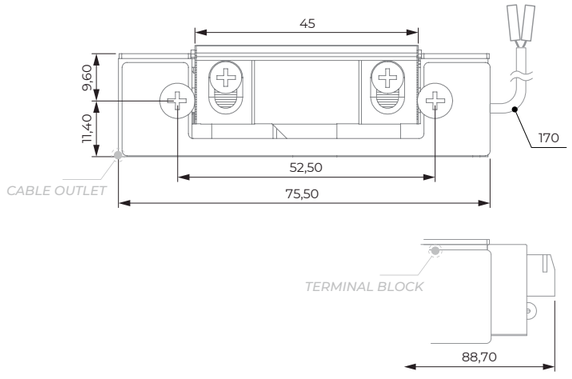
EN 14846-2008 - System 1

INSTALLATION SPECIFICATIONS

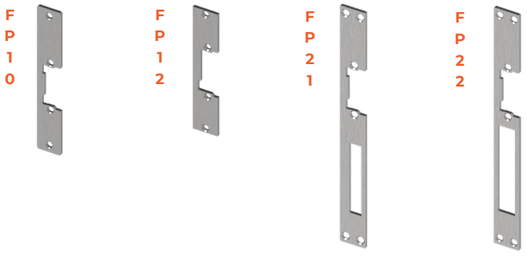
Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	75.50 / 88.70 (block) mm
Width	21 mm
Depth	29 mm
Latch insertion depth	6 mm
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	7,950 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	Optional
Bidirectional diode	Optional



RECOMMENDED FACEPLATES



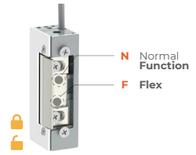
For more information on compatible faceplates, see page 160 et seq.

REGULATION

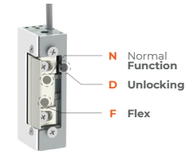
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

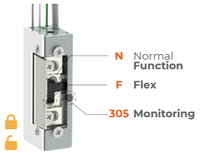
50 NF



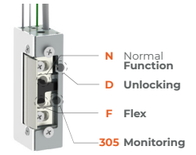
50 NDF



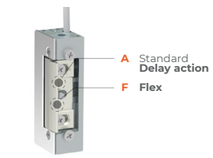
50 NF 305



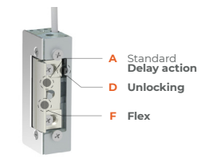
50 NDF 305



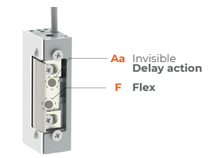
50 AF



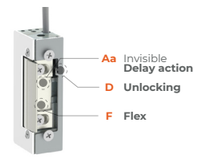
50 ADF



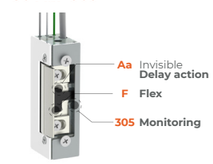
50 AaF



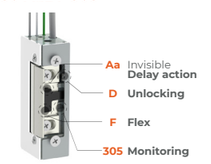
50 AaDF



50 AaF 305



50 AaDF 305



DORCAS offers in its 50 series the option of choosing the model with terminal block or cable outlet.

Terminal block | Cable outlet

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	10-24		6-12	8-12	24	24(424)	12(512)	24(524)
	AC-DC		AC-DC	AC-DC	AC-DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
	N	A - AB						
COIL RESISTANCE (Ω)	43	38	8	17	58	132	63	230
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	210 (10 V) 250 (12 V) 510 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	270 (10 V) 320 (12 V) 650 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	200	200	110
MAX. PRELOAD OPEN AC (N)	250N (12 V) 360N (24 V)		-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	55N (12 V) 220N (24 V)		-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

RIM WITHOUT LATCH

Ideal series to combine with rim without latch. Are installed directly on the surface of the frame.

DORCAS

RIM WITHOUT LATCH

20 SERIES

Reversible series for surface-mounted installations.

Ideal for combining with surface-mounted rim without latch. Are installed directly on the surface of the frame leaving the **screws visible.**

3	C	5	0	-	0	0	1 0	0

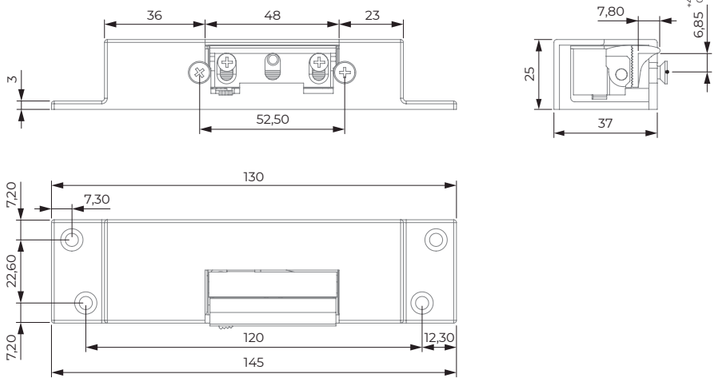
EN 14846-2008 - System 1

INSTALLATION SPECIFICATIONS

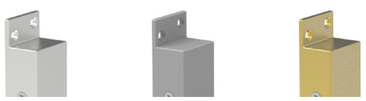
Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	No
Height	145 mm
Width	37 mm
Depth	25 mm
Latch insertion depth	7.8 mm / 11.80 mm (Monoblock)
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	3,000 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	Optional
Monoblock latch	Optional
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional



FINISHES



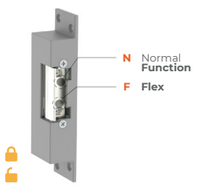
PLATED GREY BROWN

REGULATION

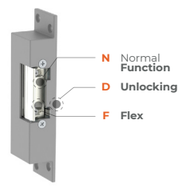
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

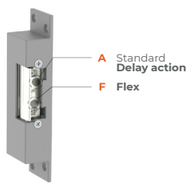
20 NF



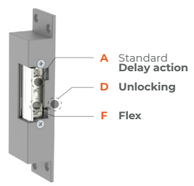
20 NDF



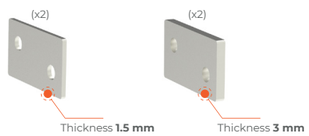
20 AF



20 ADF



The DORCAS 20 series incorporates 4 supplements to be added to the installation if necessary.



For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	12	24	12(412)		24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	AC-DC	DC		DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE N	FAIL SECURE A	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	30	58	68	58	220	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	100%ED	20%ED	100%ED 12 VDC	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	260	340	-	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	380	410	180	210	120	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-	-	-		-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-		-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

RIM WITHOUT LATCH

21 SERIES

Reversible series for surface-mounted installations.

Ideal for combining with surface-mounted rim without latch. Despite being a flush-mounted series, the **screws are concealed** when fitted.

3	C	5	0	-	0	0	1 0	0

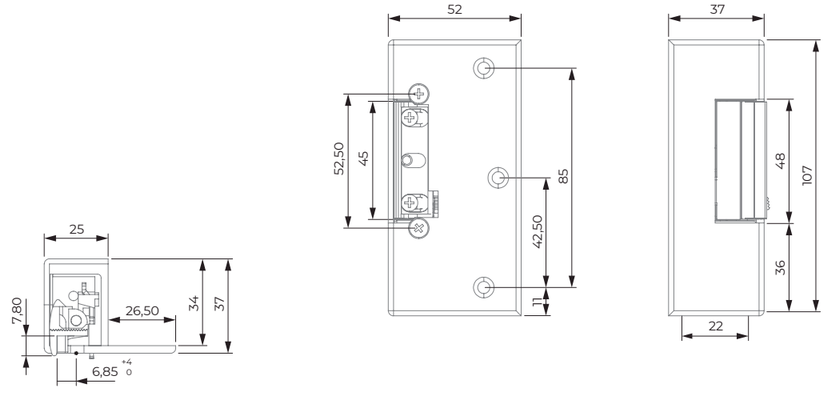
EN 14846-2008 - System 1

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	No
Height	107 mm
Width	25 mm / 52 mm
Depth	37 mm
Latch insertion depth	7.8 mm / 11.80 mm (Monoblock)
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	3,000 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	Optional
Monoblock latch	Optional
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional



FINISHES

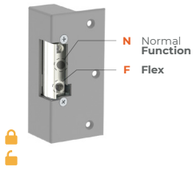
PLATED GREY BROWN

REGULATION

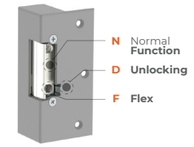
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

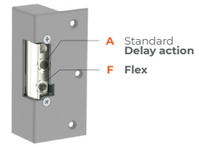
21 NF



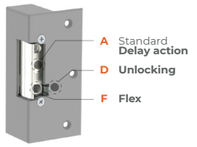
21 NDF



21 AF



21 ADF



For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	12	24	12(412)		24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	AC-DC	DC		DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE N	FAIL SECURE A	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	30	58	68	58	220	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	100%ED	20%ED	100%ED 12 VDC	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	260	340	-	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	380	410	180	210	120	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-	-	-		-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-		-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

RIM WITHOUT LATCH

27 SERIES

SURFACE-MOUNTED OR FLUSH-MOUNTED

Reversible series for surface-mounted installations. Unlike the 21 series, the casing is divided into two parts to enable its installation, **both surface-mounted and flush-mounted**, adding an faceplate only.

Ideal for combining with rim without latch. Despite being a surface-mounted series, the screws are concealed when fitted.

3 C 5 0 - 0 0 1 0 0

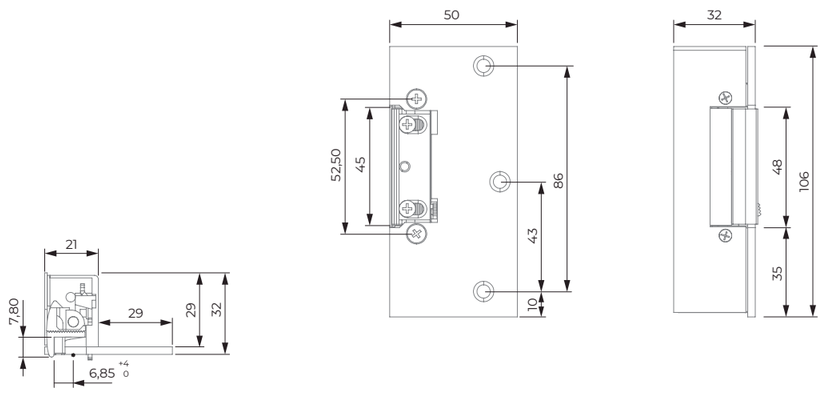
EN 14846-2008 - System 1

INSTALLATION SPECIFICATIONS

Type of installation	Surface-Mounted / Flush-Mounted
Reversible	Yes
Symmetrical	No
Height	107 mm
Width	25 mm / 52 mm
Depth	37 mm
Latch insertion depth	7.8 mm / 11.80 mm (Monoblock)
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	3,000 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	Optional
Monoblock latch	Optional
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional

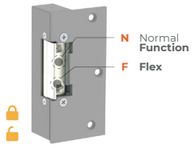


REGULATION

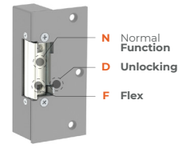
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

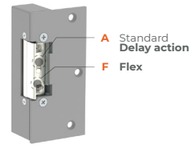
27 NF



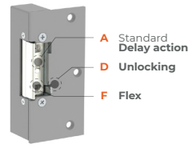
27 NDF



27 AF



27 ADF



The casing that incorporates the 27 series is divided into two pieces. With this design we can install the electric strike when we keep the casing, and when we detach the casing we have a flush-mounted strike, to which we would have to add an faceplate to complete the installation.

SURFACE-MOUNTED

FLUSH-MOUNTED

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	12	24	12(412)		24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	AC-DC	DC		DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE		FAIL SECURE	FAIL SAFE	FAIL SAFE
					N	A			
COIL RESISTANCE (Ω)	8	17	30	58	68	58	220	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	100%ED	20%ED	100%ED 12 VDC	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	260	340	-	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	380	410	180	210	120	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-	-	-		-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-		-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

RIM WITHOUT LATCH

INGERSOLL SERIES

Series developed specifically for automatic locking doors, interior or exterior, fitted with **Ingersoll SC-71 type locks.**

3	C	5	0	-	0	0	0	0

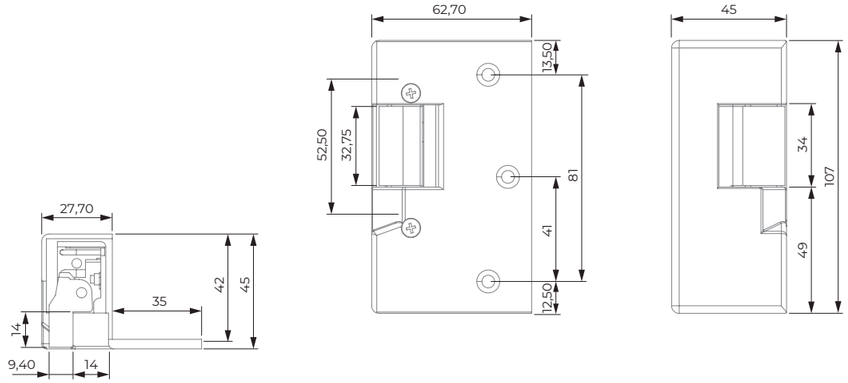
EN 14846-2008 - System 1

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	No
Height	107 mm
Width	27.70 mm / 62.70 mm
Depth	45 mm
Latch insertion depth	14 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	2,950 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	No
Microswitch (305)	No
Bidirectional diode	Optional



FINISHES

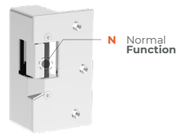
PLATED BROWN

REGULATION

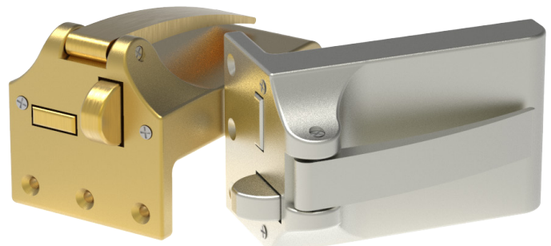
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

INGERSOLL N



INGERSOLL ™ **SC71** Ingersoll cylinder locks combine the security of 10 levers with exceptional style. The bolt is automatically actuated when the door is closed and is withdrawn by means of the inside lever or the outside key. The handle is locked with an additional turn of the key from the outside. The bolt can be held back by means of a twist lock on the side of the case.



ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	68	220	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	180	120	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-	-		-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-		-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

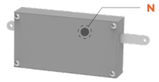
RIM WITHOUT LATCH

80 SERIES

Strike with chain. The best solution to quickly and cost-effectively automate the opening doors fitted with **surface locks with pull handle.**

MODELS

80 N



INSTALLATION SPECIFICATIONS

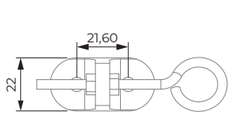
Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	No
Height	64.3 mm
Width	122 mm
Depth	24.3 mm
Latch insertion depth	-
Flex latch adjustment (F)	-
Electrically tested cycles	250,000
Break-in resistance	2,950 N
Operating temperature	-25 / +50 °C

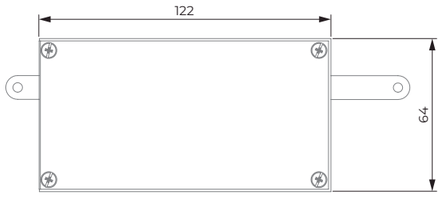
3	C	5	0	-	0	0	0	0

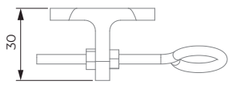
EN 14846-2008 - System 1

FUNCTIONS

Flex latch	No
Monoblock latch	No
Special jaw	No
Unlocking (D)	No
Microswitch (305)	No
Bidirectional diode	Optional

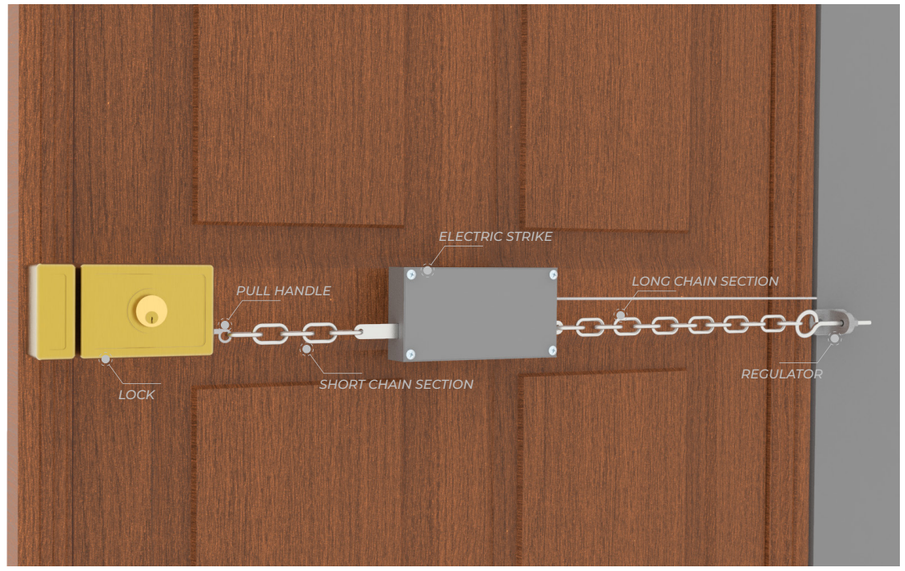






REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010



ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	8-12
	AC
FUNCTIONMENT	FAIL SECURE
COIL RESISTANCE (Ω)	8
ELECTRICAL DUTY CYCLE (%ED)	20%ED
AC CURRENT CONSUMPTION (mA)	800 (8 V) 1200 (12 V)
DC CURRENT CONSUMPTION (mA)	-
MAX. PRELOAD OPEN AC (N)	-
MAX. PRELOAD OPEN DC (N)	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

RIM WITH LATCH

Ideal series to combine with rim with latch. Are installed directly on the surface of the frame.

DORCAS

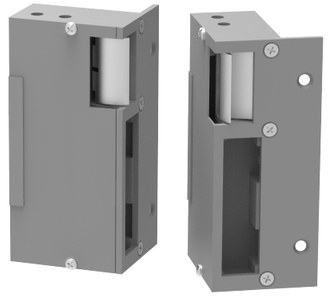
RIM WITH LATCH

23 SERIES

120 mm surface-mounted strikes with concealed fastening **for vertical bolt locks** with bolt of thickness 20 mm.

Weather resistant and therefore can be placed outdoors.

REVERSIBLE



3	C	5	0	-	0	0	0	0

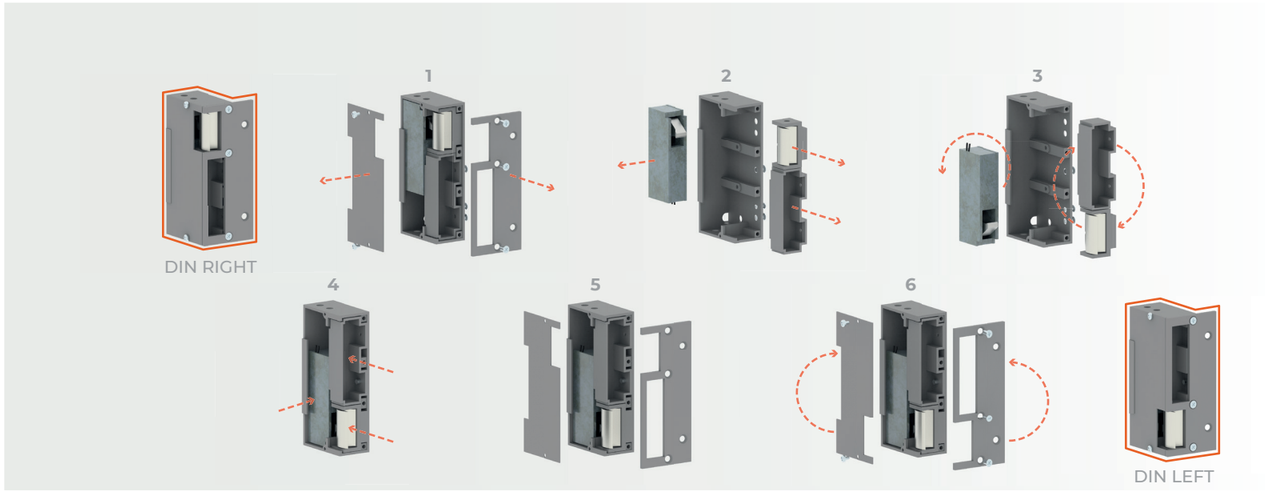
EN 14846-2008 - System 1

MODELS

23 N

23 Aa

The 23 series is **reversible**, for the change of hand we have to follow some simple steps:

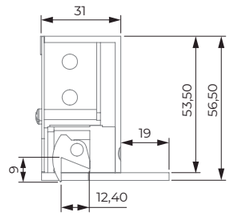


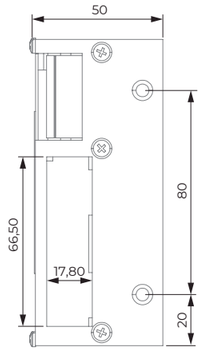
INSTALLATION SPECIFICATIONS

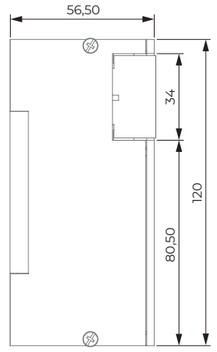
Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	No
Height	120 mm
Width	50 mm / 31 mm
Depth	56.50 mm / 53.50 mm
Latch insertion depth	9 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	3,000 N
Operating temperature	-25 / +50 °C

FUNCTIONS

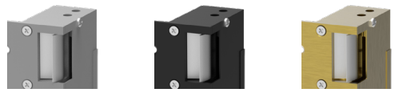
Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	No
Microswitch (305)	No
Bidirectional diode	Optional







FINISHES



GREY BLACK BROWN

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	12-24	12	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	20	30	70	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	100%ED	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	500 (12 V) 1000 (24 V)	260	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V)	600 (12 V) 1100 (24 V)	380	190	110
MAX. PRELOAD OPEN AC (N)	100	90	-	-	-
MAX. PRELOAD OPEN DC (N)	-	10	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

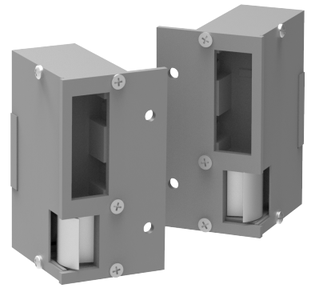
RIM WITH LATCH

24 SERIES

90 mm surface-mounted strikes with concealed fastening **for horizontal bolt locks** with bolt of thickness 20 mm.

Weather resistant and therefore can be placed outdoors.

REVERSIBLE

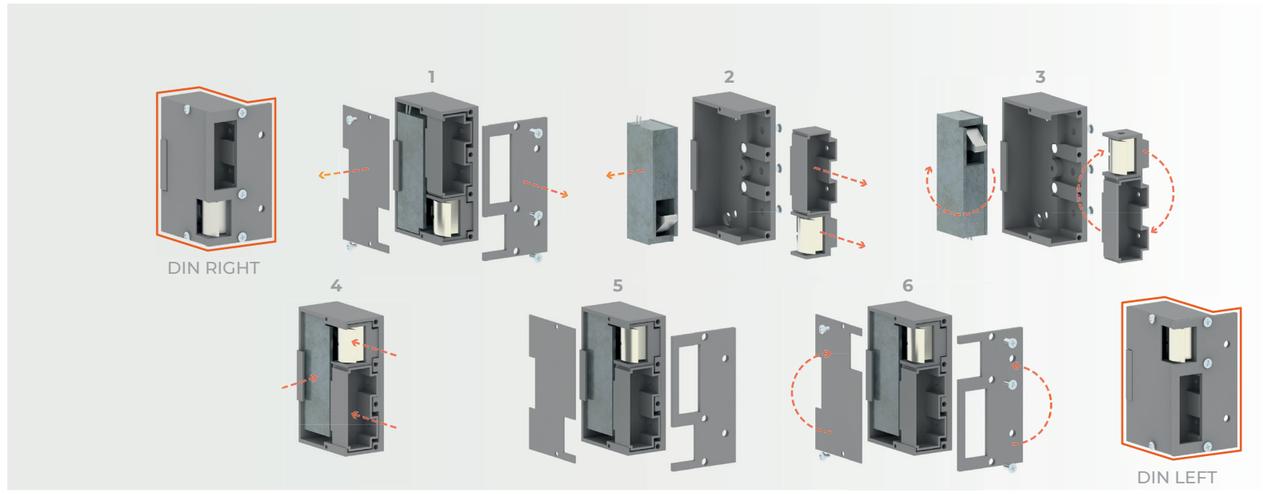


MODELS

24 N

24 Aa

The 24 series is **reversible**, for the change of hand we have to follow some simple steps:



INSTALLATION SPECIFICATIONS

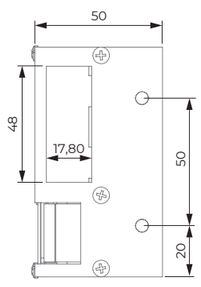
Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	No
Height	90 mm
Width	50 mm / 31 mm
Depth	56.50 mm / 53.50 mm
Latch insertion depth	9 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	3,000 N
Operating temperature	-25 / +50 °C

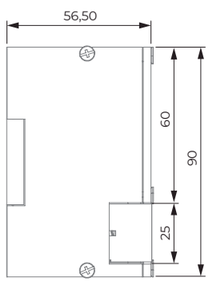
3	C	5	0	-	0	0	0	0

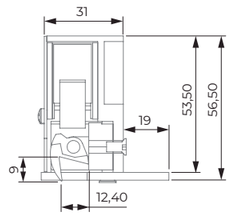
EN 14846-2008 - System 1

FUNCTIONS

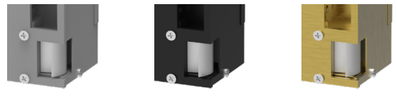
Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	No
Microswitch (305)	No
Bidirectional diode	Optional







FINISHES



GREY BLACK BROWN

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	12-24	12	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	20	30	70	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	100%ED	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	500 (12 V) 1000 (24 V)	260	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V)	600 (12 V) 1100 (24 V)	380	190	110
MAX. PRELOAD OPEN AC (N)	100	90	-	-	-
MAX. PRELOAD OPEN DC (N)	-	10	-	-	-

Maximum coil tolerance 5%.

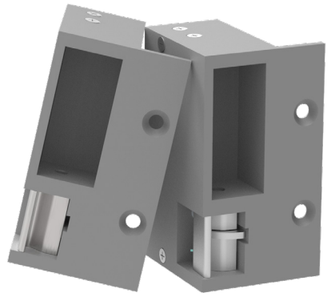
%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

RIM WITH LATCH

25 SERIES

Series for surface-mounted installations. Ideal for combining with surface-mounted **horizontal locks** with **bolt type 125.** Despite being a surface-mounted series, the screws are concealed when fitted.



INSTALLATION SPECIFICATIONS

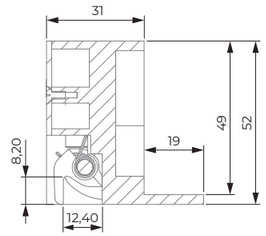
Type of installation	Surface-mounted
Reversible	No
Symmetrical	No
Height	90 mm
Width	50 mm / 31 mm
Depth	52 mm / 49 mm
Latch insertion depth	8.2 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	3,000 N
Operating temperature	-25 / +50 °C

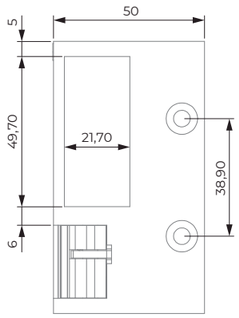
3	C	5	0	-	0	0	0	0

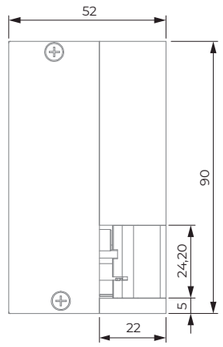
EN 14846-2008 - System 1

FUNCTIONS

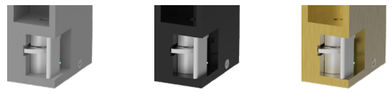
Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	No
Microswitch (305)	No
Bidirectional diode	Optional







FINISHES



GREY BLACK BROWN

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

25 N

25 A

NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107(*Page 13*).

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	12-24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	30	68	230	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	350 (8 V) 510 (12 V)	500 (12 V) 1000 (24 V)	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V)	490 (8 V) 715 (12 V)	600 (12 V) 1100 (24 V)	190	110	190	110
MAX. PRELOAD OPEN AC (N)	100	-	90	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	10	-	-	-	-

Maximum coil tolerance 5%.

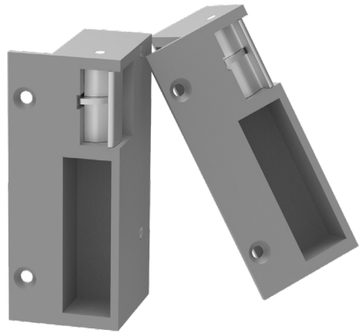
%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

RIM WITH LATCH

26 SERIES

Series for surface-mounted installations. Ideal for combining with surface-mounted **vertical locks** with **bolt type 56**. Despite being a surface-mounted series, the screws are concealed when fitted.



INSTALLATION SPECIFICATIONS

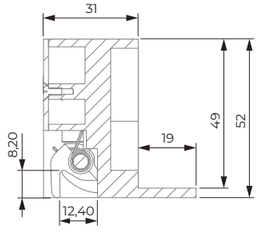
Type of installation	Surface-mounted
Reversible	No
Symmetrical	No
Height	96 mm
Width	54 mm / 33 mm
Depth	54 mm / 51 mm
Latch insertion depth	8.2 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	3,000 N
Operating temperature	-25 / +50 °C

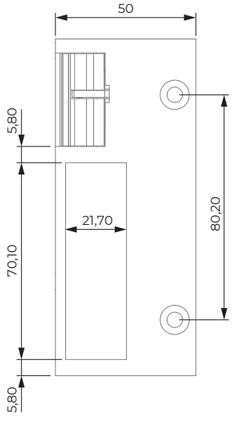
3	C	5	0	-	0	0	0	0

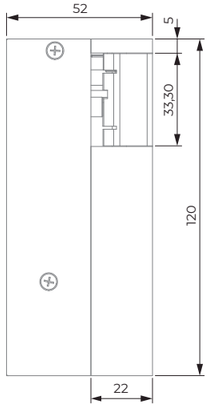
EN 14846-2008 - System 1

FUNCTIONS

Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	No
Microswitch (305)	No
Bidirectional diode	Optional







FINISHES

GREY BLACK BRONZE

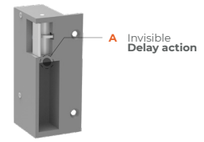
REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

26 N

26 A



NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107(*Page 13*).

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	12-24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	30	68	230	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	350 (8 V) 510 (12 V)	500 (12 V) 1000 (24 V)	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V)	490 (8 V) 715 (12 V)	600 (12 V) 1100 (24 V)	190	110	190	110
MAX. PRELOAD OPEN AC (N)	100	-	90	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	10	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

RIM WITH LATCH

66 SERIES

Reversible **universal** series for surface-mounted installations.

It stands out for its great versatility, as it is compatible with the majority of surface-mounted locks on the market.

UNIVERSAL REVERSIBLE

INSTALLATION SPECIFICATIONS

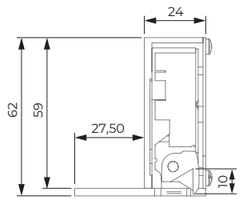
Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	No
Height	132 mm
Width	51.50 mm / 24.10 mm
Depth	62 mm / 59 mm
Latch insertion depth	10 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	250,000
Break-in resistance	2,950 N
Operating temperature	-25 / +50 °C

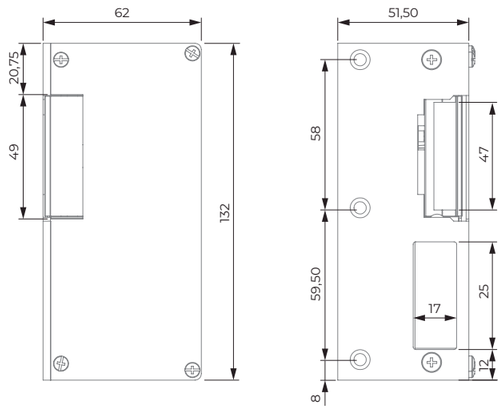
3	C	5	0	-	0	0	0	0

EN 14846-2008 - System 1

FUNCTIONS

Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	Yes
Microswitch (305)	No
Bidirectional diode	Optional





FINISHES

GREY BLACK BROWN

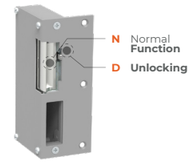
REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

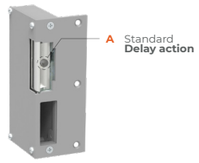
MODELS

66 N

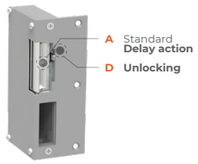
66 ND



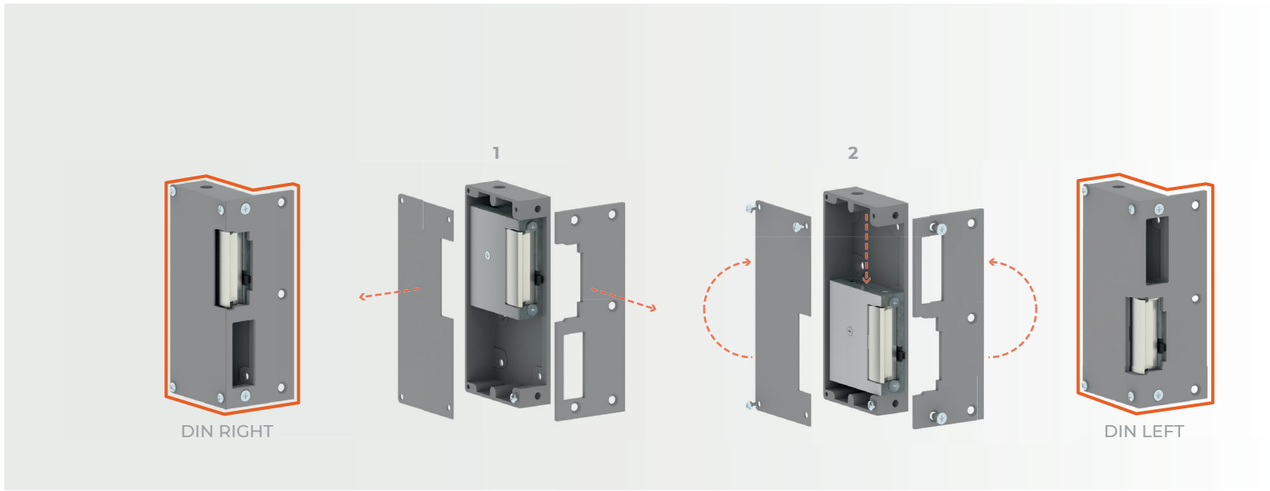
66 A



66 AD



The 66 series is **reversible universal**, is compatible with most locks on the market and to carry out the change of hand we have to follow some simple steps:



For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	68	220	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	210	120	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS
SLIDING DOORS

Installing sliding doors is becoming more and more common, which is why DORCAS incorporates a range of specific strikes for such installations.

DORCAS

SLIDING DOORS

89 SERIES

Specific series for **sliding door or sliders**. Easy to install and operate. As well as the electrical actuation, it also allows manual opening with a key cylinder.

Electrical operation can be fail safe or fail secure.

3 C 5 0 - 0 0 0 0

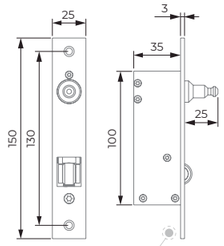
EN 14846-2008 - System 1

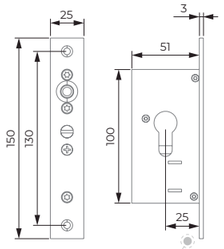
INSTALLATION SPECIFICATIONS

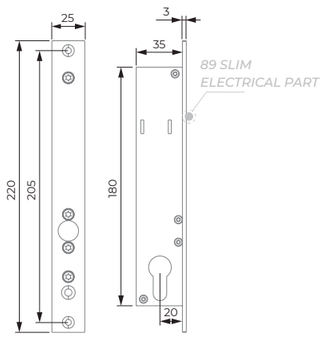
Type of installation	Flush-mounted / Surface-mounted
Reversible	Yes
Symmetrical	No
Height (Mechanical)	100 mm
Height (Electrical)	100 mm / 180 mm (SLIM)
Width (Mechanical)	20 mm
Width (Electrical)	20 mm
Depth (Mechanical)	35 mm
Depth (Electrical)	51 mm / 35 mm (SLIM)
Electrically tested cycles	200,000
Break-in resistance	7,950 N
Operating temperature	-25 / +50 °C

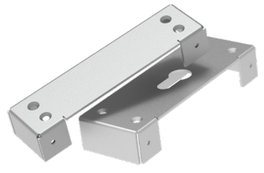
FUNCTIONS

Flex latch	No
Monoblock latch	No
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional









SURFACE-MOUNTED CASING

DORCAS has surface-mounted casings, both for the normal version and for the slim version.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

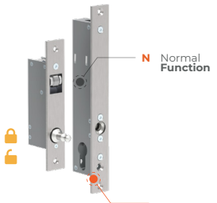
CONVENIENT AND SECURE! NEW

MODELS

89 N

89 ND

89 N SLIM



DORCAS provides or offers or counts with a **slim** version, which is dimensionally suitable (35 mm deep) for aluminium profiles with narrow frames.

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

	89		89 SLIM			
VOLTAGE RANGE	12	24	12	24	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	AC-DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	17	58	17	58	34	150
ELECTRICAL DUTY CYCLE (%ED)	20%ED	20%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	525	340	525	340	-	-
DC CURRENT CONSUMPTION (mA)	700	410	700	410	360	160
MAX. PRELOAD OPEN AC (N)	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	4000	4000
	Maximum coil tolerance 5%.		Maximum coil tolerance 5%.			
	%ED has been calculated in accordance with standard time of 10 minutes.		%ED has been calculated in accordance with standard time of 10 minutes.			

DORCAS
GLASS DOORS

Our series of special strikes for glass doors, models for 1 or 2 leaves. From strikes that are installed in the frame to strikes that are installed directly on the door leaf.

DORCAS

GLASS DOORS

34 SERIES

Symmetrical and reversible series. Its **small and special dimensions** make it a specific series to be incorporated in fitting for glass doors.

3	C	5	0	-	0	0	0	0

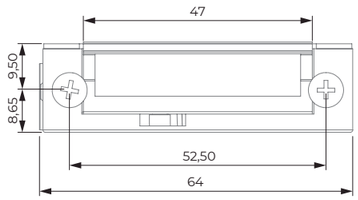
EN 14846-2008 - System 1

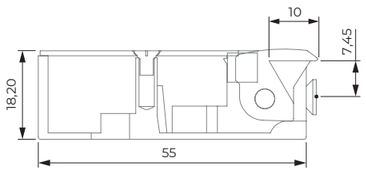
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	64 mm
Width	28.20 mm
Depth	55 mm
Latch insertion depth	10 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	3,250 N
Operating temperature	-25 / +50 °C

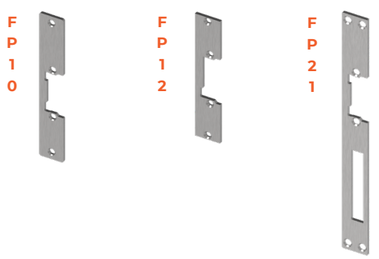
FUNCTIONS

Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

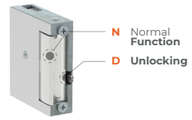
REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

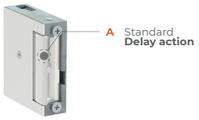
MODELS

34 N

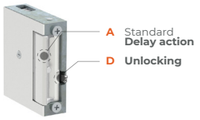
34 ND



34 A



34 AD



The 34 series is ideal to be incorporated in fitting for glass doors:

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	68	220	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	210	120	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

GLASS DOORS

83 SERIES

Special series that offers a unique solution for **double leaf glass doors**. It consists of a mechanical lock and an electric strike which are surface mounted by inserting the glass leaf (up to 12 mm thick). In addition to the electric opening, it allows a handle to be installed on the inside of the mechanical part.

3	C	5	0	-	0	0	0	0

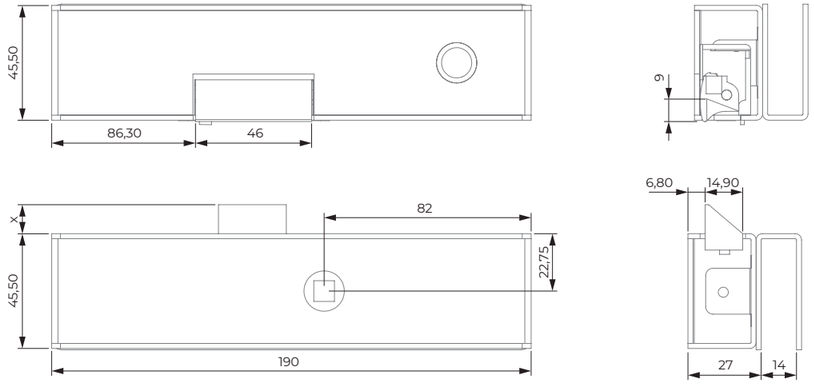
EN 14846-2008 - System 1

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	No
Height	190 mm
Width	27 mm / 45 mm
Depth	45.50 mm
Latch insertion depth	7.80 mm
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	2,950 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	Yes
Monoblock latch	Optional
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional



REGULATION

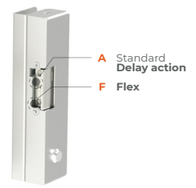
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

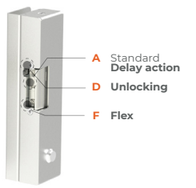
83 NF

83 NDF

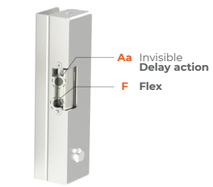
83 AF



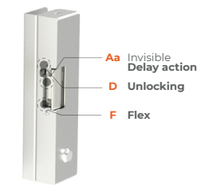
83 ADF



83 AaF



83 AaDF



For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	68	220	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	210	120	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

GLASS DOORS

87 SERIES

Special series for installation on **glass doors with frame**. Doesn't need a mechanical lock, as its hinged latch holds the glass leaf directly. (maximum thickness 12 mm).

EASY

3	C	5	0	-	0	0	0	0

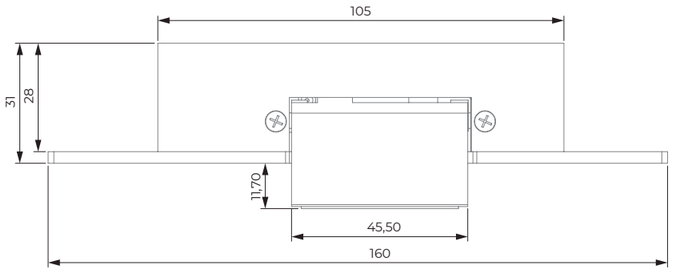
EN 14846-2008 - System 1

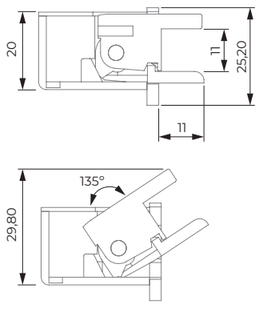
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	No
Height	105 mm
Width	20 mm
Depth	28 mm
Latch insertion depth	11 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	2,550 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	No
Microswitch (305)	No
Bidirectional diode	Optional





REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

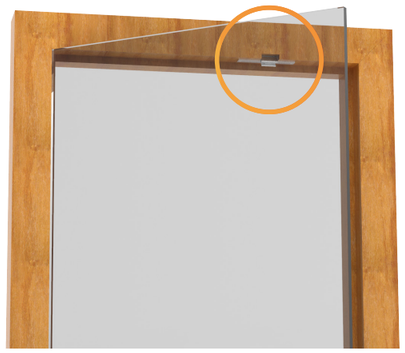
MODELS

87 N

87 Aa

Series 87 can be installed both on the top part of the frame and on its side:

TOP INSTALLATION



LATERAL INSTALLATION

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	68	220	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	210	120	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-	-	-
	Maximum coil tolerance 5%.						
	%ED has been calculated in accordance with standard time of 10 minutes.						

DORCAS TIMED

Thanks to the automatic timed function, the system is secured against unwanted intrusions due to error or accident.

DORCAS

TIMED

56 SERIES

Symmetrical and reversible series with heightened security thanks to the **automatic timing function**. Its system remains unlocked for a time proportional to the duration of the power supply, after which it is locked again to prevent unwanted access.

3	C	5	0	-	0	0	0	0

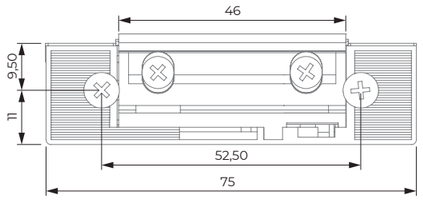
EN 14846-2008 - System 1

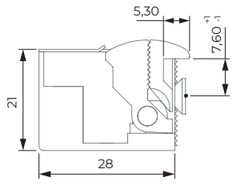
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	75 mm
Width	21 mm
Depth	28 mm
Latch insertion depth	5.30 mm
Flex latch adjustment (F)	+1 -1 mm
Electrically tested cycles	200,000
Break-in resistance	3,000 N
Operating temperature	-25 / +50 °C

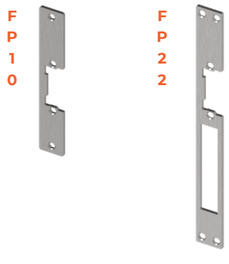
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

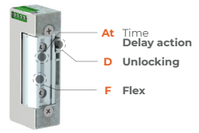
REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

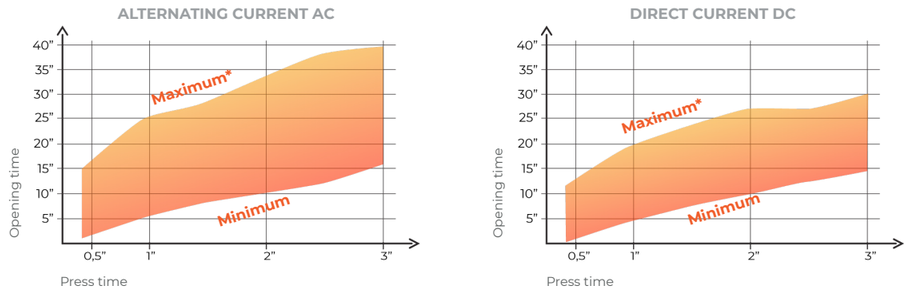
56 AtF

56 AtDF



The time it gives us to enter depends on the duration of the press; for a 1-second press, we will have from 25 seconds of opening (AC), up to a maximum of 40 seconds.

MORE SECURE



The maximum opening times occur when the time between one press and another is less than 7 minutes.
Press times of over 3 seconds are not recommended.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	10-12
	AC-DC
FUNCTIONMENT	FAIL SECURE
COIL RESISTANCE (Ω)	30
ELECTRICAL DUTY CYCLE (%ED)	TIMED
AC CURRENT CONSUMPTION (mA)	650 (12 V)
DC CURRENT CONSUMPTION (mA)	650 (12 V)
MAX. PRELOAD OPEN AC (N)	-
MAX. PRELOAD OPEN DC (N)	-
	Maximum coil tolerance 5%.
	%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS WATERPROOF

Conceived for exterior installations which can be affected by water action. Thanks to the design and the components we obtain a watertight series (IP65).

DORCAS

WATERPROOF

62 SERIES

Non-reversible **waterproof (IP65)** series. Ideal for outdoor installations thanks to its watertight seal and an internal partition to prevent water and dust penetration.

As an option, we have watertight unlocking system.

3 C 5 0 - 0 0 0 0

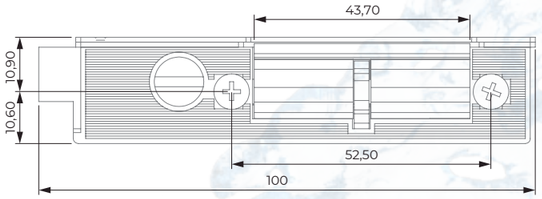
EN 14846-2008 - System 1

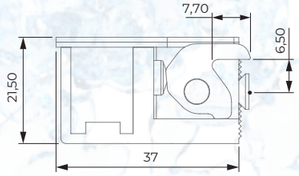
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	No
Symmetrical	No
Height	100 mm
Width	21.50 mm
Depth	37 mm
Latch insertion depth	7.70 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	4,000 N
Operating temperature	-25 / +50 °C

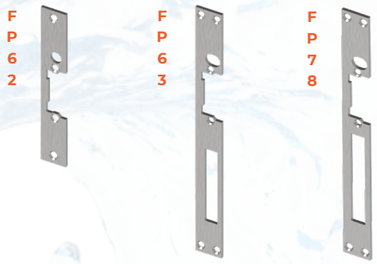
FUNCTIONS

Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

62 N

62 ND

62 Aa

62 AaD

NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107(*Page 13*).

DIN LEFT DIN RIGHT

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	68	220	70	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	350 (8 V) 510 (12 V)	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V)	490 (8 V) 715 (12 V)	410	210	120	190	110
MAX. PRELOAD OPEN AC (N)	120N (12 V)	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

FIRE RESISTANCE

Series specifically designed for installation and use in fire doors, with RF (fire resistance) and EI 120 (integrity and watertightness) homologation according to UNE-EN 1634-1:2000.

Dorcas offers an EC certified range according to standard EN 14846 endorsed by the D.O.P

DORCAS

FIRE RESISTANCE

52 SERIES

Series developed for fire doors, symmetrical and reversible. CE Marking according to UNE-EN 14846:2008, with a **fire resistance class of 120'**.

It also has maximum breakage resistance of 1,000 kg and has a cable outlet to facilitate its installation.

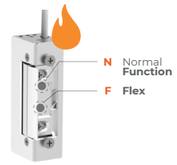
3	C	2	F	-	0	0	1 0	0

EN 14846-2008 - System 1

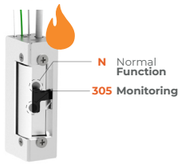
MODELS

52 N

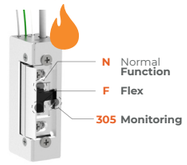
52 NF



52 N 305



52 NF 305



INSTALLATION SPECIFICATIONS

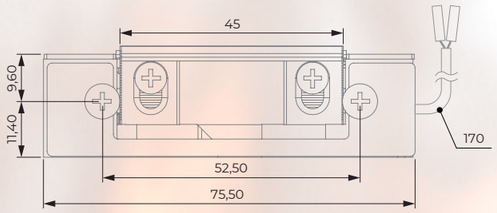
Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	75.5 mm
Width	21 mm
Depth	29 mm
Latch insertion depth	6 mm
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	9,850 N
Operating temperature	-25 / +50 °C

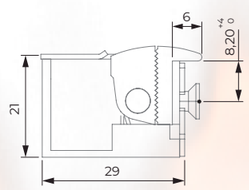
FUNCTIONS

Flex latch	Yes
Monoblock latch	Optional
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Optional

CERTIFICATION

The 52 series has a consistent performance certificate. This certificate indicates that all the provisions relating to the conformity assessment described in Annex ZA of the EN 14846:2008 standard have been applied.





ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)
	AC-DC	AC-DC	AC-DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE
COIL RESISTANCE (Ω)	8	17	58	43	220
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	350 (8 V) 510 (12 V)	340	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V)	490 (8 V) 715 (12 V)	410	280	120
MAX. PRELOAD OPEN AC (N)	200N (12 V)	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-
CE MARKING FOR RF DOORS	Yes	Yes	Yes	Yes	Yes

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

RECOMMENDED FACEPLATES

FP12

FP22

For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

EVACUATION ROUTES

Door release design intended for installation on security and emergency doors, emergency situations where a preload is often exerted on the door, making it difficult or impossible to open.

Manufactured both for the European market and for the American market.

DORCAS

EVACUATION ROUTES

77 SERIES

Special series for evacuation routes. Its system allows **unlocking with loads of up to 450 kg**. Compliance with standard UNE-EN 13637 and NFS 61937. Version available with a status signal (305) or double status signal (325).

PI1

We recommend installing the 77 series strike with latch PI1

450 Kg

NFS 61-937

3 7 6 0 1 0 4 4 0 0 B

UNE EN 13637:2016

INSTALLATION SPECIFICATIONS

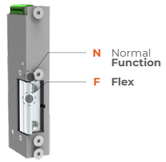
Type of installation	Flush-mounted
Reversible	No
Symmetrical	No
Height	134 mm
Width	23.20 mm
Depth	39 mm
Latch insertion depth	5.80 mm
Flex latch adjustment (F)	+3 -0 mm
Electrically tested cycles	200,000
Break-in resistance	7,450 N
Operating temperature	-25 / +50 °C

FUNCTIONS

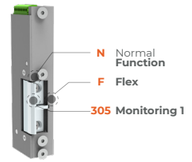
Flex latch	Yes
Monoblock latch	Optional
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Yes

MODELS

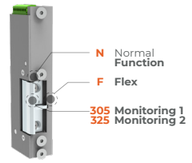
77 NF



77 NF 305



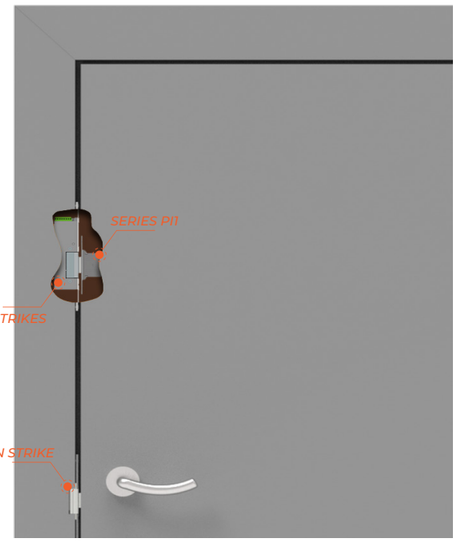
77 NF 325

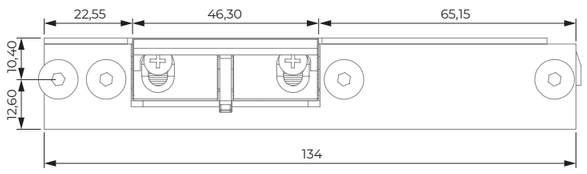


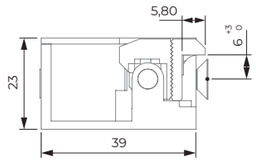
NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107(*Page 13*).

DIN LEFT DIN RIGHT

FAIL SAFE







RECOMMENDED FACEPLATES

FP18 FP19

FP34 FP35

For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	12(512)	24(524)	48(548)
	DC	DC	DC
FUNCTIONMENT	FAIL SAFE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	34	150	685
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 24 VDC	100%ED 48 VDC
AC CURRENT CONSUMPTION (mA)	-	-	-
DC CURRENT CONSUMPTION (mA)	360	160	70
MAX. PRELOAD OPEN AC (N)	-	-	-
MAX. PRELOAD OPEN DC (N)	4000	4000	4000

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

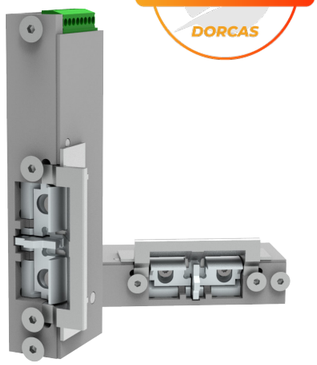
DORCAS

EVACUATION ROUTES

777 SERIES

Series that optimises the 77 series while keeping the opening with up to 450 kg load. Its upgrades consist of a **radial latch** and a **TOP system**.

Also available with a status signal (305) or double status signal (325).



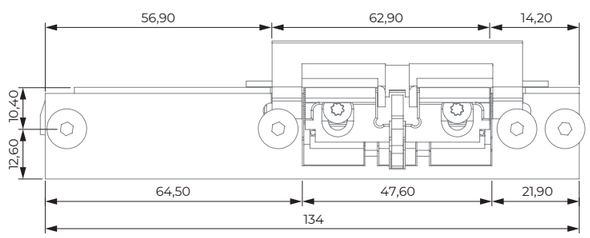
DORCAS TOP SYSTEM · 450 Kg · NFS 61-937 · RADIAL

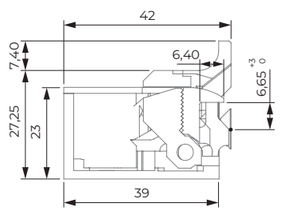
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	No
Symmetrical	No
Height	134 mm
Width	34.65 mm
Depth	39 mm
Latch insertion depth	6.40 mm
Flex latch adjustment (F)	+3 -0 mm
Electrically tested cycles	200,000
Break-in resistance	7,845 N
Operating temperature	-25 / +50 °C

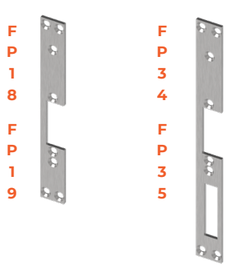
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Yes





RECOMMENDED FACEPLATES



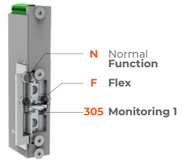
For more information on compatible faceplates, see page 160 et seq.

REGULATION

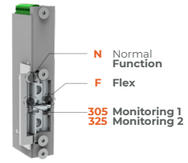
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

777 NF 305



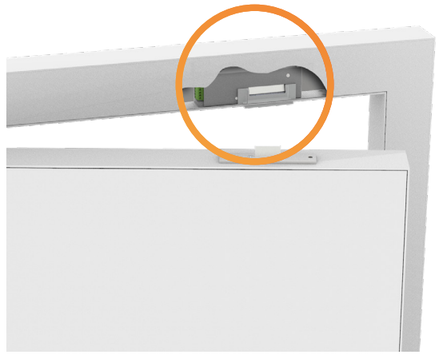
777 NF 325



NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107(*Page 13*).

DIN LEFT · DIN RIGHT

TOP INSTALLATION



LATERAL INSTALLATION

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	12(512)	24(524)	48(548)
	DC	DC	DC
FUNCTIONMENT	FAIL SAFE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	34	150	685
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 24 VDC	100%ED 48 VDC
AC CURRENT CONSUMPTION (mA)	-	-	-
DC CURRENT CONSUMPTION (mA)	360	160	70
MAX. PRELOAD OPEN AC (N)	-	-	-
MAX. PRELOAD OPEN DC (N)	4000	4000	4000

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

EVACUATION ROUTES

81 SERIES

Surface-mounted, reversible series with concealed fixture. Designed with a special concave latch to be used in combination with **European panic bars**. It is supplied with 8 x 1 mm supplements.

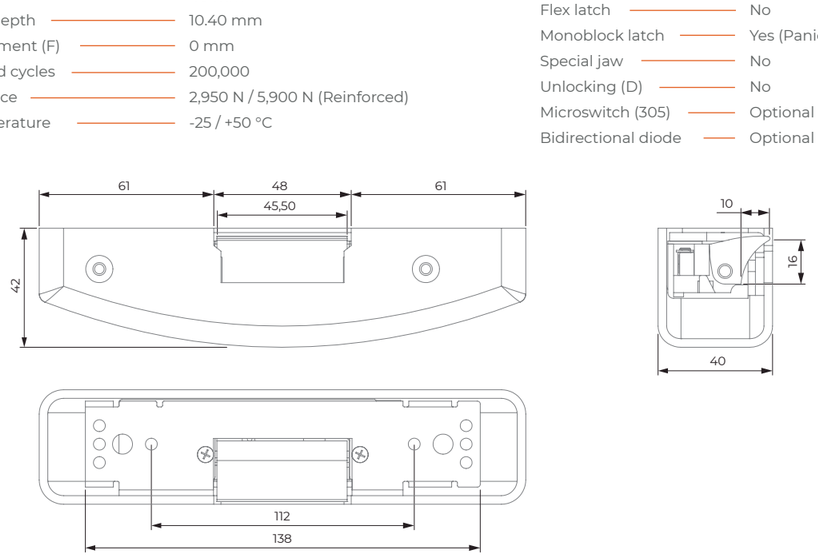
Compatible with almost all panic bars on the market, including panic bars with non-curved deadlocks.

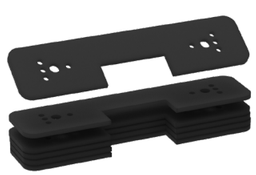
INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	Yes
Height	140 mm
Width	26.50 mm
Depth	40 mm
Latch insertion depth	10.40 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	2,950 N / 5,900 N (Reinforced)
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	No
Monoblock latch	Yes (Panic)
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Optional





REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

SUPPLEMENTS

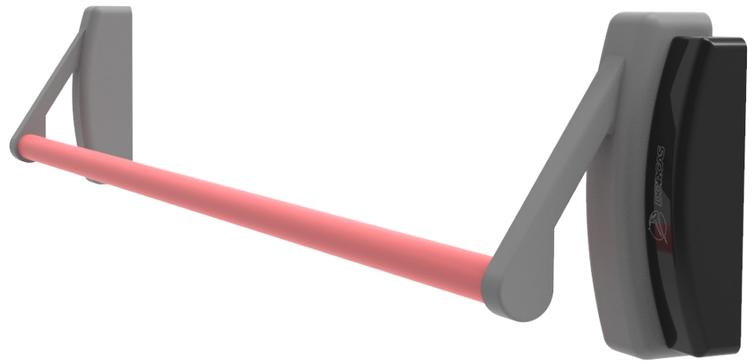
Supplied with 8 x 1 mm supplements, becoming compatible with practically all panic bars on the market.

MODELS

81 N

81 N 305

81 Aa



SPECIAL JAWS

A81+

Manufactured in NICKEL PLATED STEEL

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	68	220	70	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	350 (8 V) 510 (12 V)	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V)	490 (8 V) 715 (12 V)	410	210	120	190	110
MAX PRELOAD OPEN AC (N)	100N (12 V)	-	-	-	-	-	-
MAX PRELOAD OPEN DC (N)	-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

EVACUATION ROUTES

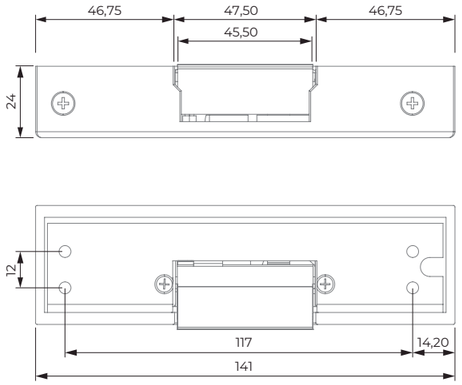
82 SERIES

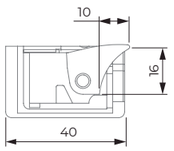
Surface-mounted, reversible series with concealed fixture. Designed with a special concave latch to be used in combination with **European panic bars**. It is supplied with 8 x 1 mm supplements.

Compatible with almost all panic bars on the market, including panic bars with non-curved deadlocks.

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	Yes
Height	141 mm
Width	24.50 mm
Depth	40 mm
Latch insertion depth	10 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	2,950 N / 5,900 N (Reinforced)
Operating temperature	-25 / +50 °C





SUPPLEMENTS

Supplied with 8 x 1 mm supplements, becoming compatible with practically all panic bars on the market.

FUNCTIONS

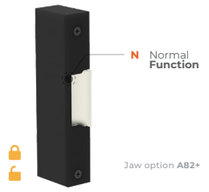
Flex latch	No
Monoblock latch	Yes (Panic)
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Optional

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

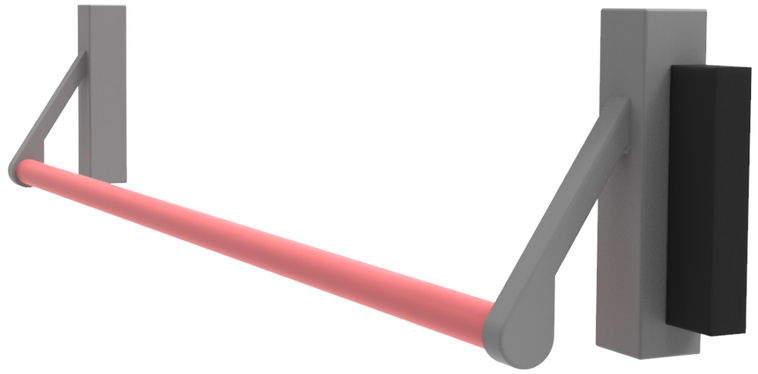
MODELS

82 N



82 N 305

82 Aa



SPECIAL JAWS

A82+

Manufactured in NICKEL PLATED STEEL

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	68	220	70	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	350 (8 V) 510 (12 V)	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V)	490 (8 V) 715 (12 V)	410	210	120	190	110
MAX PRELOAD OPEN AC (N)	100N (12 V)	-	-	-	-	-	-
MAX PRELOAD OPEN DC (N)	-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS
ITALIAN LOCKS

Strike designed to be incorporated in doors with multi-point locks facilitate access automatically.

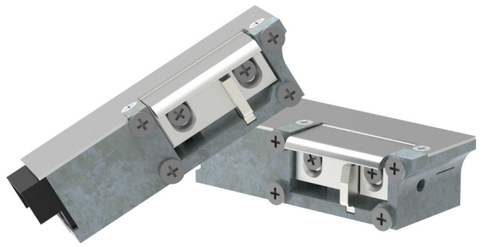
Models commonly used with Italian security locks.

DORCAS

ITALIAN LOCKS

48 SERIES

Non-reversible series, ideal **for armoured and reinforced doors** with locks with Italian type bolts. Its special curved design allows the first bolt of the lock to be passed through, enabling its insertion. It can be installed both flush and surface-mounted.



MAXIMUM SECURITY

3 C 5 0 - 0 0 0 0

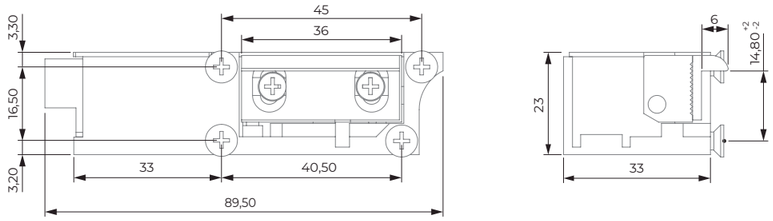
EN 14846-2008 - System 1

INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted / Surface-mounted
Reversible	No
Symmetrical	No
Height	89 mm
Width	23 mm
Depth	33 mm
Latch insertion depth	6 mm
Flex latch adjustment (F)	+2 -1 mm
Electrically tested cycles	200,000
Break-in resistance	4,000 N
Operating temperature	-25 / +50 °C

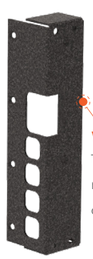
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	Optional
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional



RECOMMENDED FACEPLATES

F P 9 3



WD - WI

The 48 series can be made surface-mountable by adding the WD or WI casing (depending on the hand).

For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

48 NF

N Normal **Function**
F **Flex**

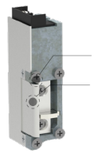
Jaw option **A48 L9**
Jaw option **A48+**

48 NDF

N Normal **Function**
D **Unlocking**
F **Flex**

Jaw option **A48 L9**
Jaw option **A48+**

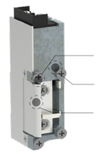
48 AF



A Standard **Delay action**
F **Flex**

Jaw option **A48 L9**
Jaw option **A48+**

48 ADF



A Standard **Delay action**
D **Unlocking**
F **Flex**

Jaw option **A48 L9**
Jaw option **A48+**

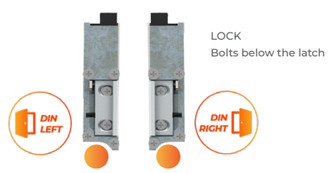
48 AaF

Aa Invisible **Delay action**
F **Flex**

48 AaDF

Aa Invisible **Delay action**
D **Unlocking**
F **Flex**

NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107 (Page 13). In this series we have to take into account whether the lock has bolts above or below the latch



LOCK
Bolts below the latch

LOCK
Bolts above the latch

SPECIAL JAWS

A48 L9

Manufactured in NICKEL PLATED STEEL

A48+

Manufactured in STEEL F114

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	58	220	70	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	350 (8 V) 510 (12 V)	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V)	490 (8 V) 715 (12 V)	410	210	120	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS
HIGH SECURITY

Range of strikes designed for situations requiring greater protection. Optimal for installations where the doors are very heavy and high-security.

DORCAS

HIGH SECURITY

78 SERIES

Special series for installations requiring **very heavy or high-security doors**. It is extremely strong, with 1,300 kg of maximum breakage resistance.

PI1

We recommend installing the 78 series strike with latch PI1

MÁXIMA SEGURIDAD

1300 Kg

3	C	5	0	-	0	0	1 0	0

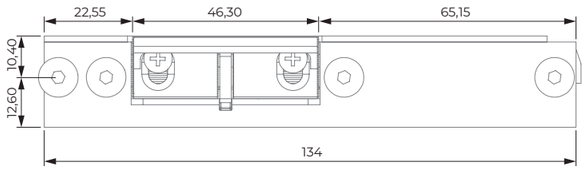
EN 14846-2008 - System 1

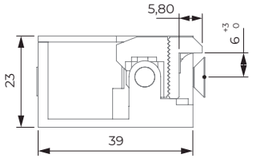
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	No
Symmetrical	No
Height	134 mm
Width	23.20 mm
Depth	39 mm
Latch insertion depth	5.80 mm
Flex latch adjustment (F)	+3 -0 mm
Electrically tested cycles	200,000
Break-in resistance	12,700 N
Operating temperature	-25 / +50 °C

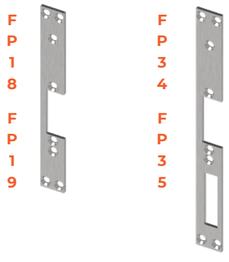
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



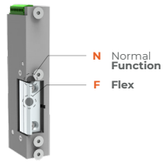
For more information on compatible faceplates, see page 160 et seq.

REGULATION

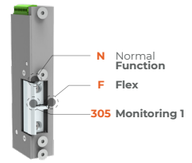
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

78 NF



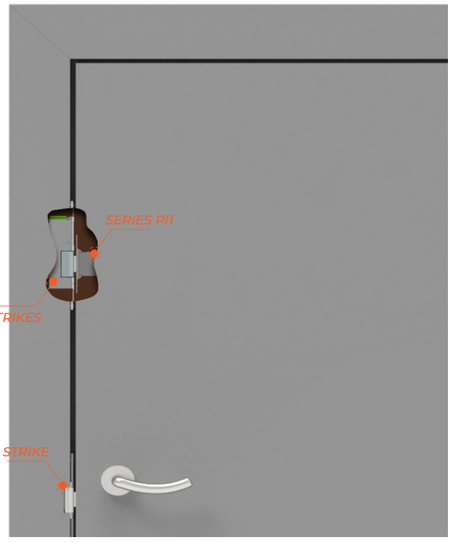
78 NF 305



NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107(Page 13).

DIN LEFT DIN RIGHT

FAIL SECURE



ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	12	24	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	AC-DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE
COIL RESISTANCE (Ω)	8	17	30	68	68	220
ELECTRICAL DUTY CYCLLE (%ED)	10%ED	20%ED	100%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	350 (8 V) 510 (12 V)	260	280	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V)	490 (8 V) 715 (12 V)	380	370	180	120
MAX. PRELOAD OPEN AC (N)	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-	-

Maximum coil tolerance 5%.

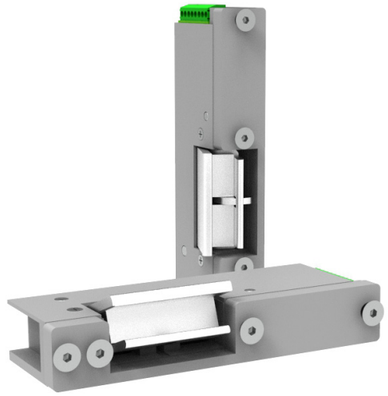
%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

HIGH SECURITY

78C SERIES

Derived from series 77, it is a specific variant for glass doors. Its articulated latch allows the **insertion of the glass leaf**.



INSTALLATION SPECIFICATIONS

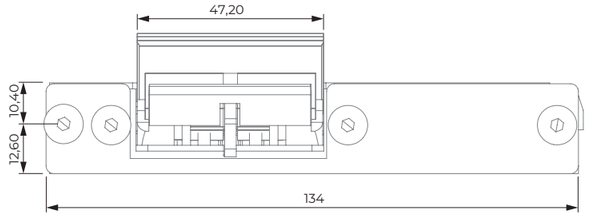
Type of installation	Flush-mounted
Reversible	No
Symmetrical	No
Height	134 mm
Width	23 mm
Depth	47 mm
Latch insertion depth	11.90 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	7,450 N
Operating temperature	-25 / +50 °C

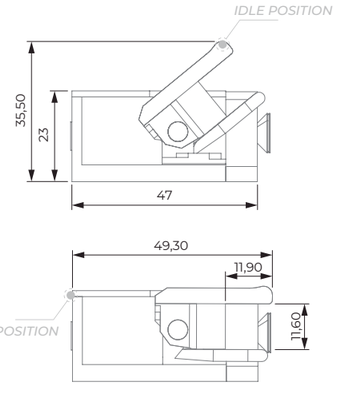
3 C 5 0 - 0 0 1 0

EN 14846-2008 - System 1

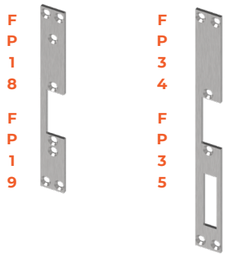
FUNCTIONS

Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Yes





RECOMMENDED FACEPLATES



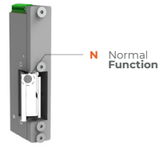
For more information on compatible faceplates, see page 160 et seq.

REGULATION

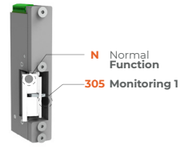
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

78C N



78C N 305



NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107(*Page 13*).

DIN LEFT DIN RIGHT

FAIL SAFE

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	12(512) DC	24(524) DC	48(548) DC
FUNCTIONMENT	FAIL SAFE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	34	150	685
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 24 VDC	100%ED 48 VDC
AC CURRENT CONSUMPTION (mA)	-	-	-
DC CURRENT CONSUMPTION (mA)	360	160	70
MAX. PRELOAD OPEN AC (N)	-	-	-
MAX. PRELOAD OPEN DC (N)	4000	4000	4000

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

TOTALLY POLYVALENT

The series that has it all, DORCA's most polyvalent.

Available for a wide range of versions and functionalities for each series.
They cover any need, from waterproof to fire rated.

DORCAS

TOTALLY POLYVALENT

99 SERIES

Its **multivoltage coil** enables supply both in AC and in DC in a range from 10 to 24 volts, giving any installation great adaptability.

It's ideal for any type of installation, thanks to its small dimensions, which means it can fit any door.

10-24 AC/DC · DORCAS TOP SYSTEM · RADIAL · UNE EN 14846

3 | CX | 5 | 0 | - | L | 0 | 10 | 2

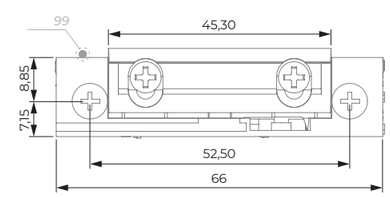
EN 14846-2008 - System 1

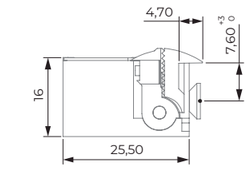
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	66 mm / 74 mm (305)
Width	16 mm / 20.50 mm (TOP)
Depth	25.50 mm
Latch insertion depth	4.70 mm
Flex latch adjustment (F)	+3 -0 mm / +2 -1 mm (TOP)
Electrically tested cycles	200,000
Break-in resistance	3,500 N
Operating temperature	-25 / +50 °C

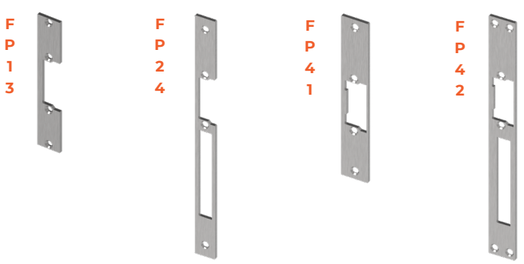
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	Optional
Unlocking (D)	Optional
Microswitch (305)	Optional
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



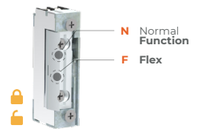
For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

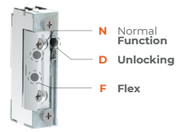
MODELS

99 NF



Jaw option **A99 U2**
Jaw option **A99 SCAN**

99 NDF



Jaw option **A99 U2**
Jaw option **A99 SCAN**

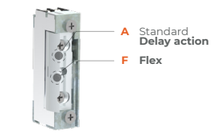
99 NF 305

Jaw option **A99 SCAN**

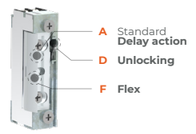
99 NDF 305

Jaw option **A99 SCAN**

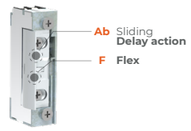
99 AF



99 ADF

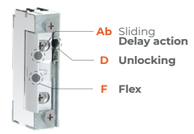


99 AbF

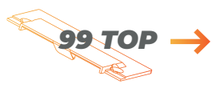


Jaw option **A99 CS**

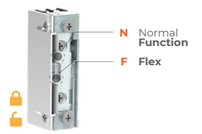
99 AbDF



Jaw option **A99 CS**

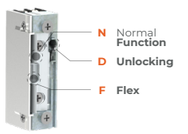


99 NF TOP



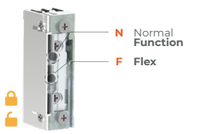
Jaw option **A99 U4**

99 NDF TOP

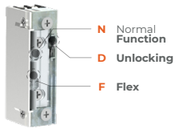


Jaw option **A99 U4**

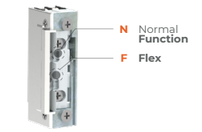
99 NF TOP DOUBLE



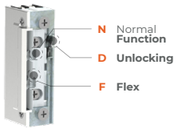
99 NDF TOP DOUBLE



99 NF TOP 2



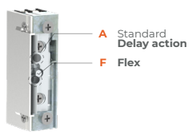
99 NDF TOP 2



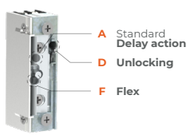
99 NF TOP 305

99 NDF TOP 305

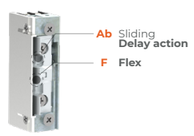
99 AF TOP



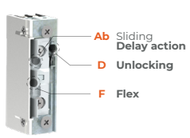
99 ADF TOP



99 AbF TOP DOUBLE



99 AbDF TOP DOUBLE



The TOP versions facilitate the guiding of the latch and at the same time **simplify the installation** and make it **more attractive**, as they allow the strike to be installed without making any cut-out in the frame

TOP

TOP version with a central guide ramp, which facilitates the guiding of the latch into the strike.

Version in STEEL
Version in MIM

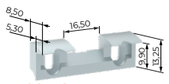
DOUBLE TOP

It has been developed to enable the TOP system to be combined with automatic sliding (AB), something not available until now. Furthermore, the two ramps provide a greater range of action.

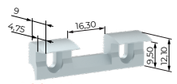
TOP 2

This version has an exterior extension that facilitates the entry of the latch, making for a less aggressive closure. This system allows for the refitting of a NO TOP strike and faceplate with a cut-out already made in the frame. Especially indicated for PVC.

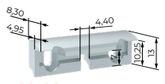
SPECIAL JAWS



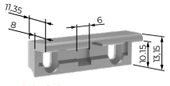
A99 U2
Manufactured in ZAMAK



A99 U4
Manufactured in ZAMAK



A99 CS
Manufactured in ZAMAK



A99 SCAN
Manufactured in MIM

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

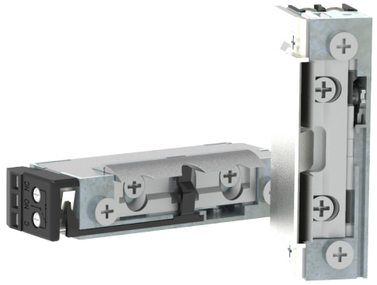
							NEW MULTIVOLTAGE		
VOLTAGE RANGE	10-24		6-12	8-12	24	24(424)	10-28	12(512)	24(524)
	AC-DC		AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE	FAIL SAFE
	N	A - AB							
COIL RESISTANCE (Ω)	43	38	8	17	58	132	43	63	230
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 24 VDC	100%ED 12-24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	210 (10 V) 250 (12 V) 510 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	270 (10 V) 320 (12 V) 650 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	200	165 (10 V) 190 (12 V) 78 (24 V)	200	110
MAX. PRELOAD OPEN AC (N)	250N (12 V) 360N (24 V)		-	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	55N (12 V) 220N (24 V)		-	-	-	-	-	-	-
	Maximum coil tolerance 5%.								
	%ED has been calculated in accordance with standard time of 10 minutes.								

DORCAS

TOTALLY POLYVALENT

SM99 SERIES

Reinforced version of series 99. Manufacturing its deadlock in steel allows the maximum breakage resistance to be **increased up to 550 kg**. This version is ideal for installations in which the strike requires more demanding use.



550 Kg · 10-24 AC/DC

3 C 5 0 - 0 0 10 0

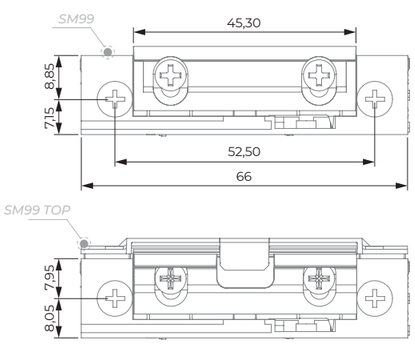
EN 14846-2008 - System 1

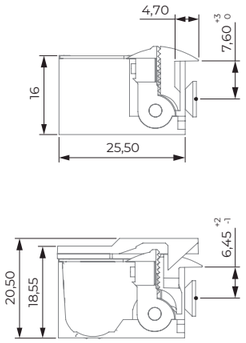
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	66 mm / 74 mm (305)
Width	16 mm / 20.50 mm (TOP)
Depth	25.50 mm
Latch insertion depth	4.70 mm
Flex latch adjustment (F)	+3 -0 mm / +2 -1 mm (TOP)
Electrically tested cycles	200,000
Break-in resistance	5,350 N
Operating temperature	-25 / +50 °C

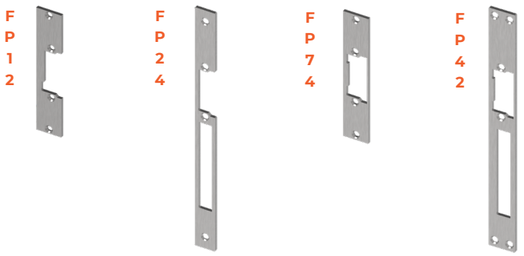
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	Optional
Unlocking (D)	Optional
Microswitch (305)	Optional
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



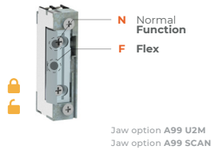
For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

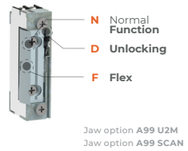
MODELS

SM99 NF



Jaw option **A99 U2M**
Jaw option **A99 SCAN**

SM99 NDF



Jaw option **A99 U2M**
Jaw option **A99 SCAN**

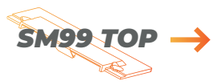
SM99 NF 305

Jaw option **A99 SCAN**

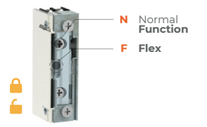
SM99 NDF 305

Jaw option **A99 SCAN**

SM99 TOP

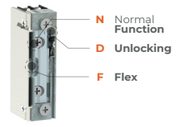


SM99 NF TOP



Jaw option **A99 U4M**

SM99 NDF TOP

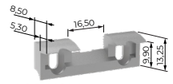


Jaw option **A99 U4M**

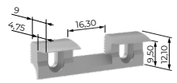
SM99 NF TOP 305

SM99 NDF TOP 305

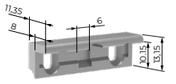
SPECIAL JAWS



A99 U2M
Manufactured in MIM



A99 U4M
Manufactured in MIM



A99 SCAN
Manufactured in MIM

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

NEW MULTIVOLTAGE

VOLTAGE RANGE	10-24		6-12	8-12	24	24(424)	10-28	12(512)	24(524)
	AC-DC		AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE	FAIL SAFE
	N	A - AB							
COIL RESISTANCE (Ω)	43	38	8	17	58	132	43	63	230
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 24 VDC	100%ED 12-24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	210 (10 V) 250 (12 V) 510 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	270 (10 V) 320 (12 V) 650 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	200	165 (10 V) 190 (12 V) 78 (24 V)	200	110
MAX. PRELOAD OPEN AC (N)	250N (12 V) 360N (24 V)		-	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	55N (12 V) 220N (24 V)		-	-	-	-	-	-	-

Maximum coil tolerance 5%.

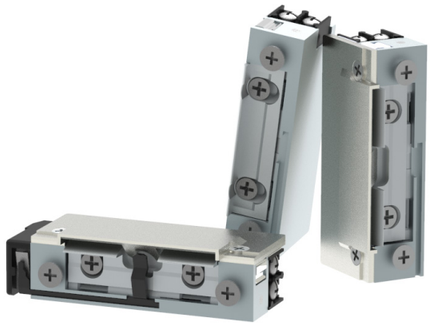
%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

TOTALLY POLYVALENT

SS99 SERIES

Series 99 version with maximum breakage resistance. Its manufacture in steel and reinforced materials enables it to reach **up to 900 kg of maximum breakage resistance**, making it the ideal option for installation with high requirements or that require extra strength.



3	C	5	0	-	0	0	1 0	0

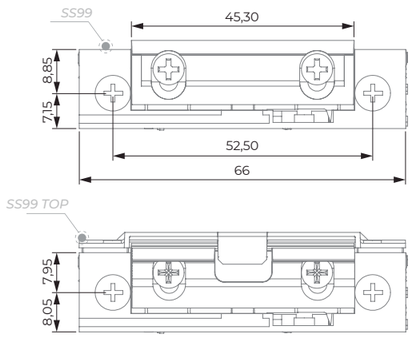
EN 14846-2008 - System 1

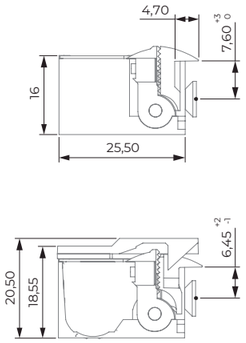
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	66 mm / 74 mm (305)
Width	16 mm / 20.50 mm (TOP)
Depth	25.50 mm
Latch insertion depth	4.70 mm
Flex latch adjustment (F)	+3 -0 mm / +2 -1 mm (TOP)
Electrically tested cycles	200,000
Break-in resistance	8,825 N
Operating temperature	-25 / +50 °C

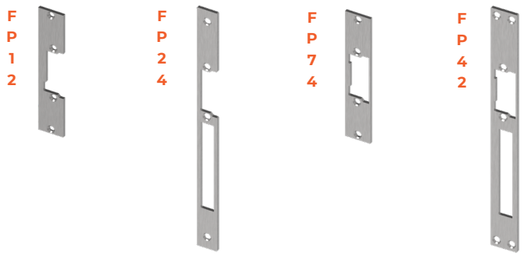
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	Optional
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



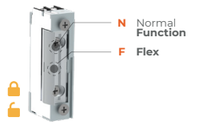
For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

SS99 NF

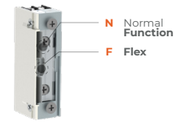


Jaw option **A99 U2M**
Jaw option **A99 SCAN**

SS99 NF 305

Jaw option **A99 SCAN**

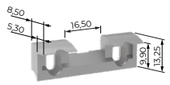
SS99 NF TOP



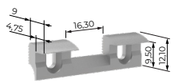
Jaw option **A99 U4M**

SS99 NF TOP 305

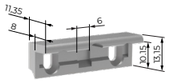
SPECIAL JAWS



A99 U2M
Manufactured in MIM



A99 U4M
Manufactured in MIM



A99 SCAN
Manufactured in MIM

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

						NEW MULTIVOLTAGE		
VOLTAGE RANGE	10-24		6-12	8-12	24	24(424)	10-28	12(512)	24(524)
	AC-DC		AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE	FAIL SAFE
	N	A - AB							
COIL RESISTANCE (Ω)	43	38	8	17	58	132	43	63	230
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 24 VDC	100%ED 12-24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	210 (10 V) 250 (12 V) 510 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	270 (10 V) 320 (12 V) 650 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	200	165 (10 V) 190 (12 V) 78 (24 V)	200	110
MAX. PRELOAD OPEN AC (N)	250N (12 V) 360N (24 V)		-	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	55N (12 V) 220N (24 V)		-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

TOTALLY POLYVALENT

SW99 SERIES

Water resistant version (IP68). Thanks to its exclusive design, this strike version is ideal for exterior installations affected by the action of water.

In addition, the materials it is manufactured in have been treated against corrosion.

3 C 5 0 - 0 0 10 0

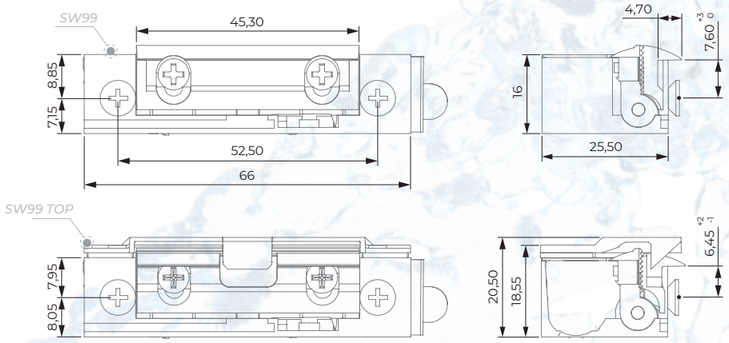
EN 14846-2008 - System 1

INSTALLATION SPECIFICATIONS

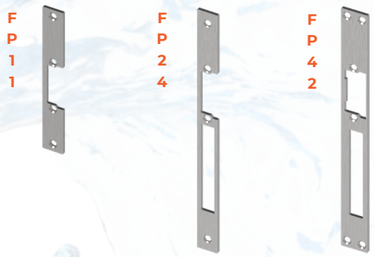
Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	66 mm / 74 mm (305)
Width	16 mm / 20.50 mm (TOP)
Depth	25.50 mm
Latch insertion depth	4.70 mm
Flex latch adjustment (F)	+3 -0 mm / +2 -1 mm (TOP)
Electrically tested cycles	200,000
Break-in resistance	3,500 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	Optional
Unlocking (D)	Optional
Microswitch (305)	Optional
Bidirectional diode	Optional



RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

SW99 NF

N Normal **Function**
F **Flex**

Jaw option **A99 U2**
Jaw option **A99 SCAN**

SW99 NDF

N Normal **Function**
D **Unlocking**
F **Flex**

Jaw option **A99 U2**
Jaw option **A99 SCAN**

SW99 NF 305

N Normal **Function**
F **Flex**
305 **Monitoring**

Jaw option **A99 SCAN**

SW99 NDF 305

N Normal **Function**
D **Unlocking**
F **Flex**
305 **Monitoring**

Jaw option **A99 SCAN**

SW99 AF

A Standard **Delay action**
F **Flex**

SW99 ADF

A Standard **Delay action**
D **Unlocking**
F **Flex**

SW99 AbF

Ab Sliding **Delay action**
F **Flex**

Jaw option **A99 CS**

SW99 AbDF

Ab Sliding **Delay action**
D **Unlocking**
F **Flex**

Jaw option **A99 CS**

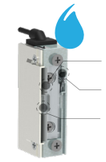
SW99 TOP

SW99 NF TOP

N Normal **Function**
F **Flex**

Jaw option **A99 U4**

SW99 NDF TOP



N Normal **Function**
D **Unlocking**
F **Flex**

Jaw option **A99 U4**

SW99 NF TOP DOUBLE

N Normal **Function**
F **Flex**

SW99 NF TOP DOUBLE

N Normal **Function**
D **Unlocking**
F **Flex**

SW99 NF TOP 305

N Normal **Function**
F **Flex**
305 **Monitoring**

SW99 NDF TOP 305

N Normal **Function**
D **Unlocking**
F **Flex**
305 **Monitoring**

SW99 NF TOP DOUBLE 305

N Normal **Function**
F **Flex**
305 **Monitoring**

SW99 NDF TOP DOUBLE 305

N Normal **Function**
D **Unlocking**
F **Flex**
305 **Monitoring**

SW99 AF TOP

A Standard **Delay action**
F **Flex**

SW99 ADF TOP

A Standard **Delay action**
D **Unlocking**
F **Flex**

SW99 AbF TOP DOUBLE

Ab Sliding **Delay action**
F **Flex**

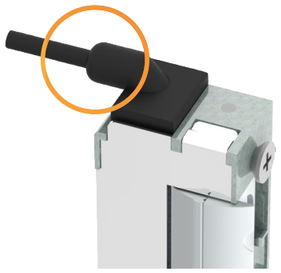
SW99 AbDF TOP DOUBLE

Ab Sliding **Delay action**
D **Unlocking**
F **Flex**

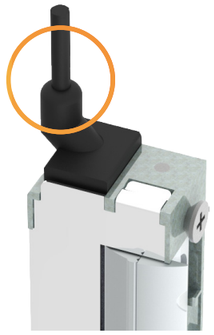
DORCAS has different **length options for the hose: 25 cm, 50 cm, 100 cm or 200 cm.**

The new impermeable system has a connector that allows connection in two positions to further facilitate its installation.

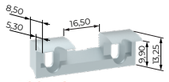
INSTALLATION AT 90°



INSTALLATION AT 180°

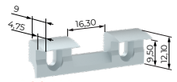


SPECIAL JAWS



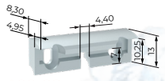
A99 U2

Manufactured in ZAMAK



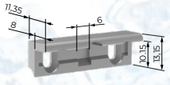
A99 U4

Manufactured in ZAMAK



A99 CS

Manufactured in ZAMAK



A99 SCAN

Manufactured in MIM

DORCAS

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

							MULTIVOLTAGE		
VOLTAGE RANGE	10-24		6-12	8-12	24	24(424)	10-28	12(512)	24(524)
	AC-DC		AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE	FAIL SAFE
	N	A - AB							
COIL RESISTANCE (Ω)	43	38	8	17	58	132	43	63	230
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 24 VDC	100%ED 12-24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	210 (10 V) 250 (12 V) 510 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	270 (10 V) 320 (12 V) 650 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	200	165 (10 V) 190 (12 V) 78 (24 V)	200	110
MAX. PRELOAD OPEN AC (N)	250N (12 V) 360N (24 V)		-	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	55N (12 V) 220N (24 V)		-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

TOTALLY POLYVALENT

SF99 60' SERIES

All the advantages of the 99 series applied to RF doors CE Marking according to UNE-EN 14846:2008, with a **fire resistance class of 60'**.

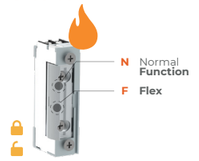
FAIL SAFE FIRE RESISTANT! **NEW**

3 C 5 D - 0 0 1 0

EN 14846-2008 - System 1

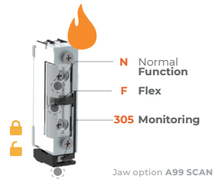
MODELS

SF99 60' NF



Jaw option **A99 U2M**
Jaw option **A99 SCAN**

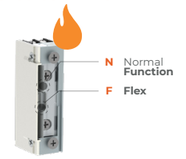
SF99 60' NF 305



Jaw option **A99 SCAN**

SF99 TOP

SF99 60' NF TOP



Jaw option **A99 U4M**

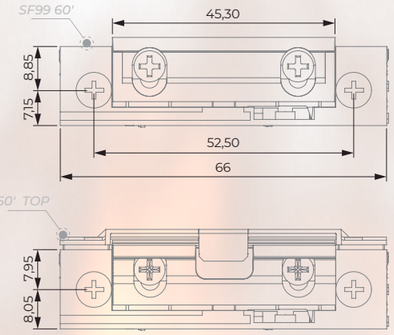
SF99 60' NF TOP 305

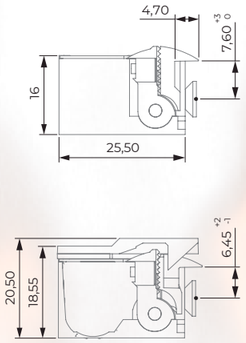
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	66 mm / 74 mm (305)
Width	16 mm / 20.50 mm (TOP)
Depth	25.50 mm
Latch insertion depth	4.70 mm
Flex latch adjustment (F)	+3 -0 mm / +2 -1 mm (TOP)
Electrically tested cycles	200,000
Break-in resistance	7,845 N
Operating temperature	-25 / +50 °C

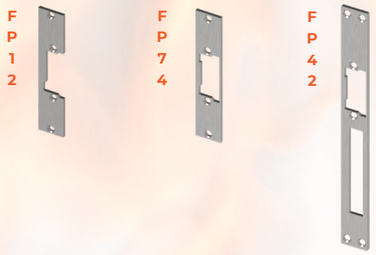
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	Optional
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



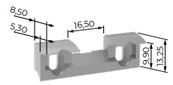
For more information on compatible faceplates, see page 160 et seq.

REGULATION

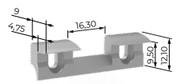
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

CERTIFICATION The SF99 60' series has a consistent performance certificate. This certificate indicates that all the provisions relating to the conformity assessment described in Annex ZA of the EN 14846:2008 standard have been applied.

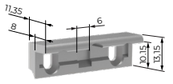
SPECIAL JAWS



A99 U2M
Manufactured in MIM



A99 U4M
Manufactured in MIM



A99 SCAN
Manufactured in MIM

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

NEW MULTIVOLTAGE

VOLTAGE RANGE	10-24		6-12	8-12	24	24(424)	10-28	12(512)	24(524)
	AC-DC		AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE	FAIL SAFE
	N	A - AB							
COIL RESISTANCE (Ω)	43	38	8	17	58	132	43	63	230
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 24 VDC	100%ED 12-24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	210 (10 V) 250 (12 V) 510 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	270 (10 V) 320 (12 V) 650 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	200	165 (10 V) 190 (12 V) 78 (24 V)	200	110
MAX. PRELOAD OPEN AC (N)	250N (12 V) 360N (24 V)		-	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	55N (12 V) 220N (24 V)		-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

TOTALLY POLYVALENT

SF99 120' SERIES

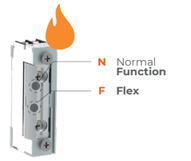
All the advantages of the 99 series applied to RF doors CE Marking according to UNE-EN 14846:2008, with a **fire resistance class of 120'**.

3 C 5 F - 0 0 1 0

EN 14846-2008 - System 1

MODELS

SF99 120' NF



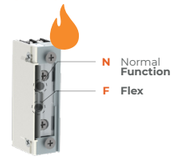
Jaw option **A99 U2M**
Jaw option **A99 SCAN**

SF99 120' NF 305

Jaw option **A99 SCAN**

SF99 TOP

SF99 120' NF TOP



Jaw option **A99 U4M**

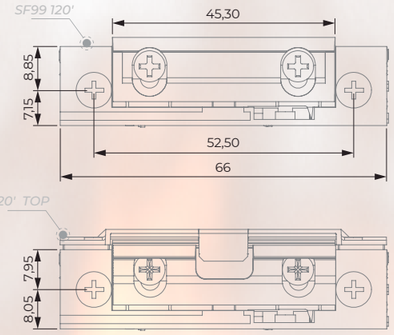
SF99 120' NF TOP 305

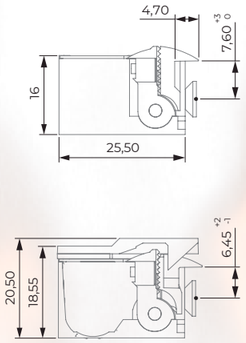
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	66 mm / 74 mm (305)
Width	16 mm / 20.50 mm (TOP)
Depth	25.50 mm
Latch insertion depth	4.70 mm
Flex latch adjustment (F)	+3 -0 mm / +2 -1 mm (TOP)
Electrically tested cycles	200,000
Break-in resistance	7,845 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	Optional
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Optional





RECOMMENDED FACEPLATES

FP12

FP74

FP42

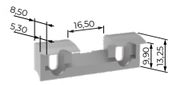
For more information on compatible faceplates, see page 160 et seq.

REGULATION

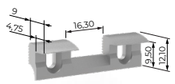
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

CERTIFICATION The SF99 120' series has a consistent performance certificate. This certificate indicates that all the provisions relating to the conformity assessment described in Annex ZA of the EN 14846:2008 standard have been applied.

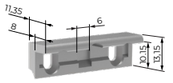
SPECIAL JAWS



A99 U2M
Manufactured in MIM



A99 U4M
Manufactured in MIM



A99 SCAN
Manufactured in MIM

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	10-24		6-12	8-12	24	24(424)
	AC-DC		AC-DC	AC-DC	AC-DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE
	N	A - AB				
COIL RESISTANCE (Ω)	43	38	8	17	58	132
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	210 (10 V) 250 (12 V) 510 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	270 (10 V) 320 (12 V) 650 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	200
MAX. PRELOAD OPEN AC (N)	250N (12 V) 360N (24 V)		-	-	-	-
MAX. PRELOAD OPEN DC (N)	55N (12 V) 220N (24 V)		-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

TOTALLY POLYVALENT

99 PL SERIES

Special version of series 99. It has been designed to guarantee opening in installations with a **preload situation of 40 kg**, with DC power supply. There are two versions, for 12 VDC or 24 VDC.

PATENTED DORCAS

40 KG FAIL SECURE · 12/24 VDC

3	C	5	0	-	0	0	1 0	0

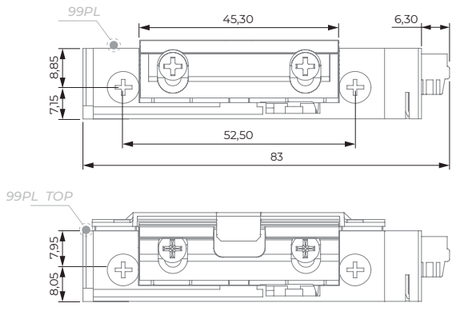
EN 14846-2008 - System 1

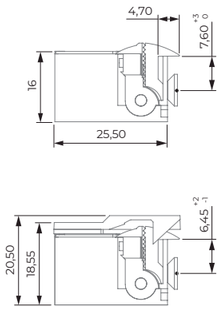
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	83 mm / 91 mm (305)
Width	16 mm / 20.50 mm (TOP)
Depth	25.50 mm
Latch insertion depth	4.70 mm
Flex latch adjustment (F)	+3 -0 mm / +2 -1 mm (TOP)
Electrically tested cycles	200,000
Break-in resistance	3,300 N
Operating temperature	-25 / +50 °C

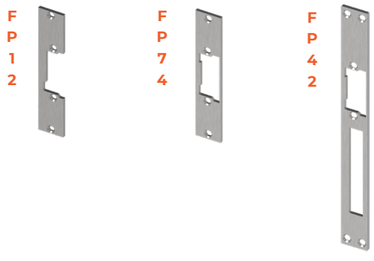
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	Optional
Bidirectional diode	Yes





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

PRELOAD UP TO 40KG IN FAIL SECURE NEW

MODELS

99PL NF

99PL NDF

99PL NF TOP

99PL NDF TOP

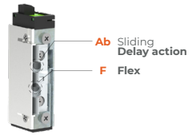
99PL NF 305

99PL NDF 305

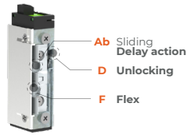
99PL NF TOP 305

99PL NDF TOP 305

99PL AbF TOP DOUBLE



99PL AbDF TOP DOUBLE



ELECTRICAL SPECIFICATIONS

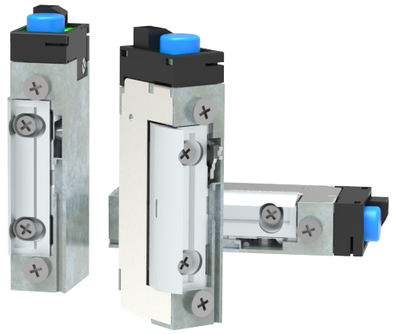
VOLTAGE RANGE	12-24	24
	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE
COIL RESISTANCE (Ω)	38	190
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	-	-
DC CURRENT CONSUMPTION (mA)	330 (12 V) 640 (24 V)	140
MAX. PRELOAD OPEN AC (N)	-	-
MAX. PRELOAD OPEN DC (N)	400N (12 V)	400 N
	Maximum coil tolerance 5%.	
	%ED has been calculated in accordance with standard time of 10 minutes.	

DORCAS

TOTALLY POLYVALENT

AT99 SERIES

Special automatic timed version that heightens the installation's security. Depending on the duration of the power supply, the strike activates the automatic function for a certain period of time, after which **it locks the system again** to prevent unwanted openings or break-ins.



3	C	5	0	-	0	0	0	0

EN 14846-2008 - System 1

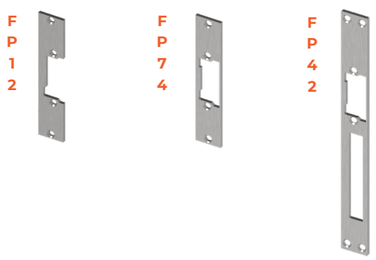
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	79.90 mm / 88 mm (305)
Width	16 mm / 20.50 mm (TOP)
Depth	25.50 mm
Latch insertion depth	4.70 mm
Flex latch adjustment (F)	+3 -0 mm / +2 -1 mm (TOP)
Electrically tested cycles	200,000
Break-in resistance	3,500 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional

RECOMMENDED FACEPLATES



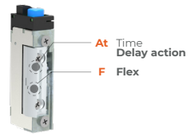
For more information on compatible faceplates, see page 160 et seq.

REGULATION

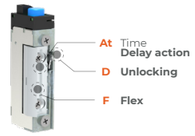
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

AT99 AtF

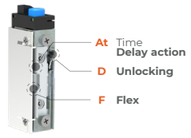


AT99 AtDF



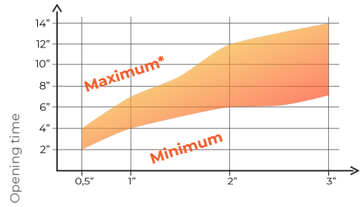
AT99 AtF TOP

AT99 AtDF TOP

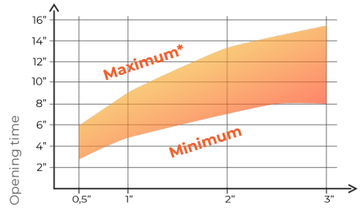


The time it gives us to enter depends on the duration of the press; for a 1-second press, we will have from 7 seconds of opening (AC), up to a maximum of 14 seconds.

ALTERNATING CURRENT AC



DIRECT CURRENT DC



The maximum opening times occur when the time between one press and another is less than 2 minutes. Press times of over 3 seconds are not recommended.

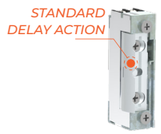
ELECTRICAL SPECIFICATIONS

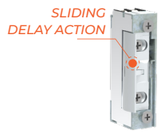
VOLTAGE RANGE	10-12
	AC-DC
FUNCTIONMENT	FAIL SECURE
COIL RESISTANCE (Ω)	30
ELECTRICAL DUTY CYCLE (%ED)	TIMED
AC CURRENT CONSUMPTION (mA)	650 (12 V)
DC CURRENT CONSUMPTION (mA)	650 (12 V)
MAX. PRELOAD OPEN AC (N)	-
MAX. PRELOAD OPEN DC (N)	-
	Maximum coil tolerance 5%.
	%ED has been calculated in accordance with standard time of 10 minutes.

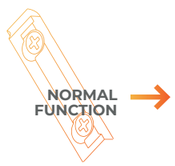
JAWS FOR 99 SERIES

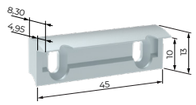
DORCAS offers a wide range of jaws compatible with certain models in the 99 series, the most polyvalent series. Different changes, both in the design and the material, give them a more specific use and specifically adapted properties. They offer a variety of adjustments, depths and different materials.

These jaws are going to be divided into normal function, standard delay action and sliding delay action.





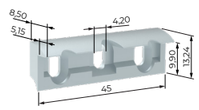




JAW N

Manufactured in ZAMAK 99-SW99-99PL AT99

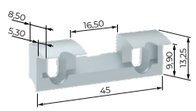
Ref: *P-13234---------*



JAW N 305

Manufactured in ZAMAK 99-SW99-99PL

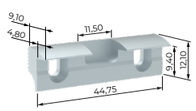
Ref: *P-13246---------*



JAW U2

Manufactured in ZAMAK 99-SW99-99PL

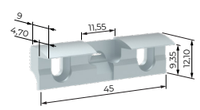
Ref: *P-13257---------*



JAW N TOP

Manufactured in ZAMAK 99-SW99-99PL AT99

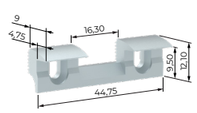
Ref: *P-13242---------*



JAW N 305 TOP

Manufactured in ZAMAK 99-SW99-99PL

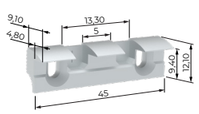
Ref: *PF13255---------*



JAW U4

Manufactured in ZAMAK 99-SW99-99PL

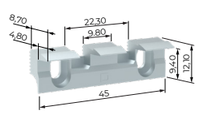
Ref: *PF13257 U4*



JAW N TOP DOUBLE

Manufactured in ZAMAK 99-SW99-99PL

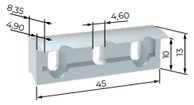
Ref: *P-13242/TOPD----*



JAW N TOP 2

Manufactured in ZAMAK 99

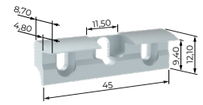
Ref: *P-13251/TOP2----*



JAW A

Manufactured in ZAMAK 99-SW99

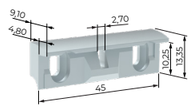
Ref: *P-13233---------*



JAW A TOP

Manufactured in ZAMAK 99-SW99

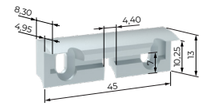
Ref: *PF13259---------*



JAW Ab

Manufactured in ZAMAK 99-SW99

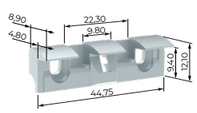
Ref: *P-13245---------*



JAW Ab CS

Manufactured in ZAMAK 99-SW99

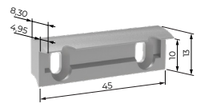
Ref: *P-13275---------*



JAW Ab TOP DOUBLE

Manufactured in ZAMAK 99-SW99-99PL

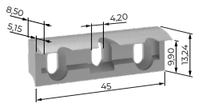
Ref: *P-13245/TOPD----*



JAW N MIM

Manufactured in MIM SM99-SS99-SF99

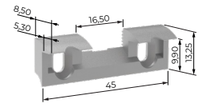
Ref: *P-13277---------*



JAW N 305 MIM

Manufactured in MIM SM99-SS99-SF99

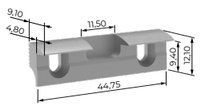
Ref: *PF13277---------*



JAW U2 MIM

Manufactured in MIM SM99-SS99-SF99

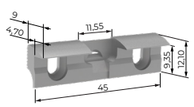
Ref: *PF13257-MIM-----*



JAW N TOP MIM

Manufactured in MIM SM99-SS99-SF99

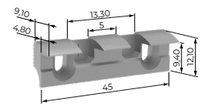
Ref: *PF13257---------*



JAW N 305 TOP MIM

Manufactured in MIM SM99-SS99-SF99

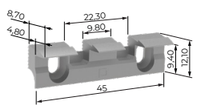
Ref: *PF13278---------*



JAW N TOP DOUBLE MIM

Manufactured in MIM SM99-SS99-SF99

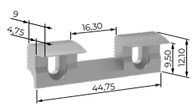
Ref: *P-13278/TOPD----*



JAW N TOP 2 MIM

Manufactured in MIM SM99-SS99-SF99

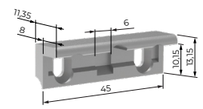
Ref: *P-13278/TOPD----*



JAW U4 MIM

Manufactured in MIM SM99-SS99-SF99

Ref: *PF13257/U4-MIM--*



JAW SCAN

Manufactured in MIM 99-SM99-SS99 SW99-SF99-99PL

Ref: *P-13287---------*

DORCAS HI-TECH

New generation of strikes, developed with the DST system patented worldwide by DORCAS, opening with preload in fail safe, it presents an alternative to electromagnetic locks.

DORCAS

DORCAS HI-TECH

100 SERIES

Strikes of very small dimensions that incorporate the new DST technology. Available both in FAIL SECURE and **FAIL SAFE versions with a guaranteed opening of up to 20 kg**.

It is compatible with monitoring (305) to obtain door status signals, as well as with DORCAS TOP systems.

PATENTED DORCAS

20 KG FAIL SAFE FAIL SECURE · 12 VDC

3	C	5	0	-	0	0	1 0	0

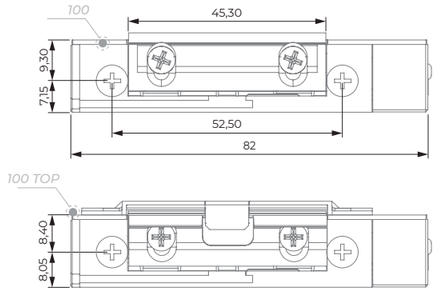
EN 14846-2008 - System 1

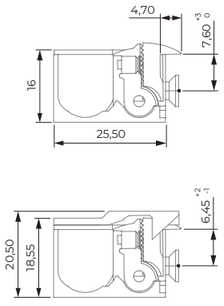
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	No
Height	83 mm / 91 mm (305)
Width	16 mm / 20.50 mm (TOP)
Depth	26 mm
Latch insertion depth	4.70 mm
Flex latch adjustment (F)	+3 -0 mm / +2 -1 mm (TOP)
Electrically tested cycles	300,000
Break-in resistance	3,300 N
Operating temperature	-25 / +50 °C

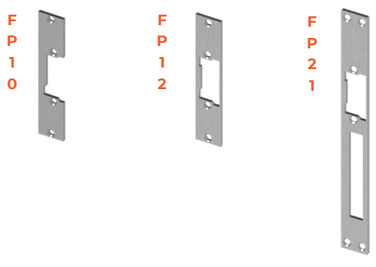
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Yes





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

THE SERIES THAT CHANGES EVERYTHING! NEW

MODELS

100 NF

100 NF 305

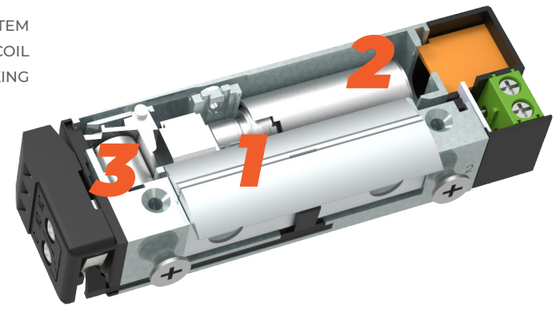
100 NF TOP

100 NF TOP 305

The DST (**Dorcas Sliding Technology**) system ensures mechanical opening, both in normal type strikes and reversed strikes, with preload of up to 20 kg. To provide additional security, the strike is equipped with a secondary system that ensures locking if opening is not electrically authorised.

DST

1 DST SYSTEM
2 MAIN COIL
3 BACK-UP LOCKING



The FAIL SAFE version has a screw for regulating the opening force.

PATENTED DORCAS

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	12(412)	12(512)
	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SAFE
COIL RESISTANCE (Ω)	35	35
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC
AC CURRENT CONSUMPTION (mA)	-	-
DC CURRENT CONSUMPTION (mA)	340	340
MAX. PRELOAD OPEN AC (N)	-	-
MAX. PRELOAD OPEN DC (N)	200 N	200 N
	Maximum coil tolerance 5%.	
	%ED has been calculated in accordance with standard time of 10 minutes.	

DORCAS HI-TECH

SF100 SERIES

All the advantages of the 100 series applied to RF doors CE Marking according to UNE-EN 14846:2008, with a **fire resistance class of 120'**.

3 X 2 F - 0 0 1 0 | 0

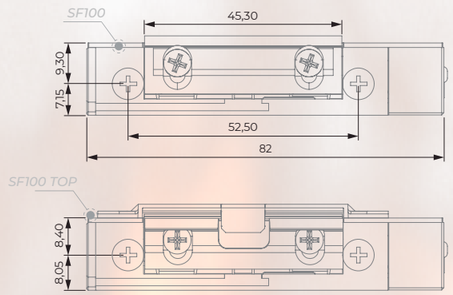
EN 14846-2008 - System 1

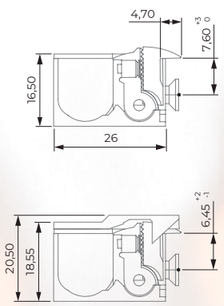
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	No
Height	82 mm / 91 mm (305)
Width	16.50 mm / 20.50 mm (TOP)
Depth	26 mm
Latch insertion depth	4.70 mm
Flex latch adjustment (F)	+3 -0 mm / +2 -1 mm (TOP)
Electrically tested cycles	300,000
Break-in resistance	3,300 N
Operating temperature	-25 / +50 °C

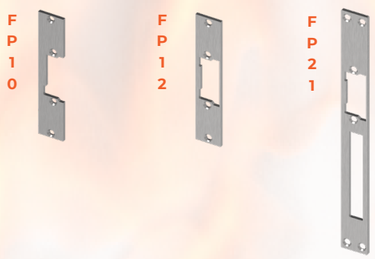
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Yes





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

DST + FIRE RESISTANCE! NEW

MODELS

SF100 NF

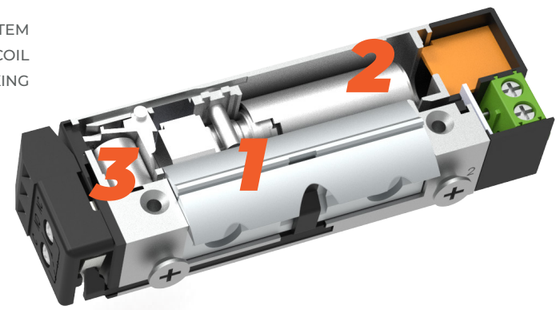
SF100 NF 305

SF100 NF TOP

SF100 NF TOP 305

The DST (**Dorcas Sliding Technology**) system ensures mechanical opening, both in normal type strikes and reversed strikes, with preload of up to 20 kg. To provide additional security, the strike is equipped with a secondary system that ensures locking if opening is not electrically authorised.

1 DST SYSTEM
2 MAIN COIL
3 BACK-UP LOCKING



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	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SAFE
COIL RESISTANCE (Ω)	35	35
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC
AC CURRENT CONSUMPTION (mA)	-	-
DC CURRENT CONSUMPTION (mA)	340	340
MAX. PRELOAD OPEN AC (N)	-	-
MAX. PRELOAD OPEN DC (N)	200 N	200 N

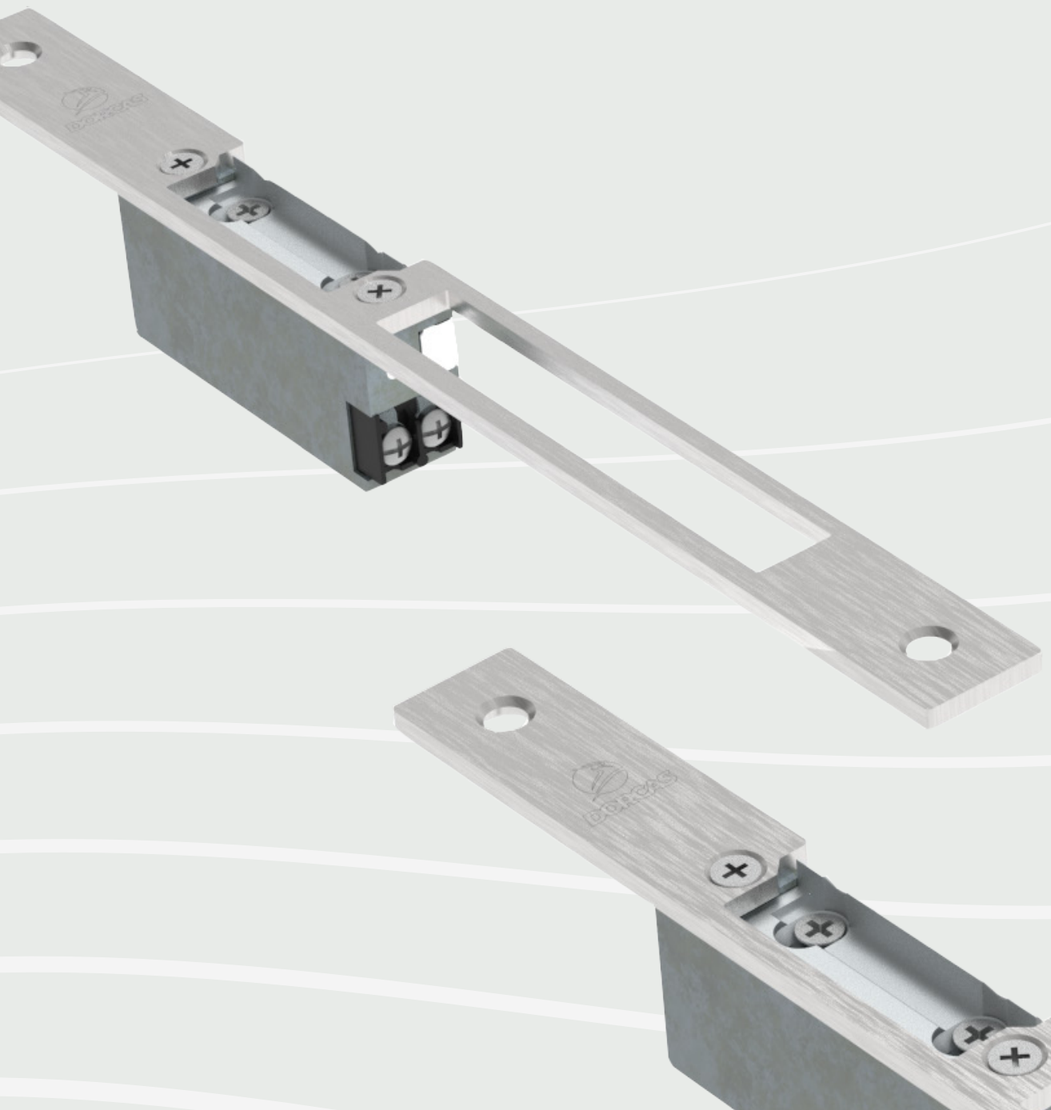
Maximum coil tolerance 5%.

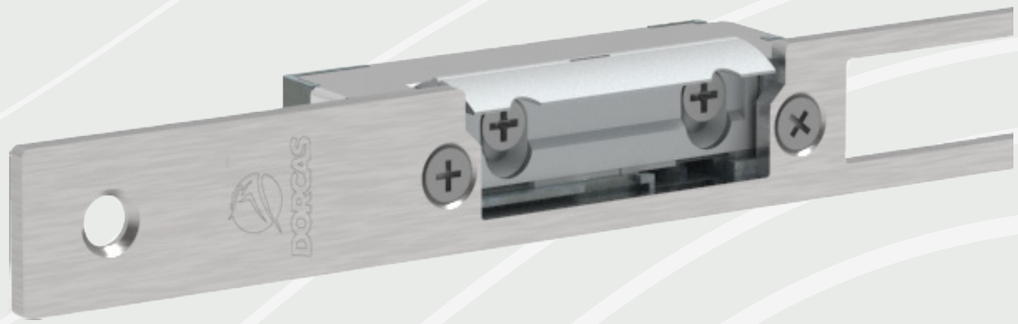
%ED has been calculated in accordance with standard time of 10 minutes.

FACEPLATES

WHAT IS AN FACEPLATES?

An faceplate's main purpose is to fasten the strike to the door frame. By including the faceplate, we obtain the benefits of protecting the strike and allowing a smoother sliding of the friction trigger.





TYPOLOGY

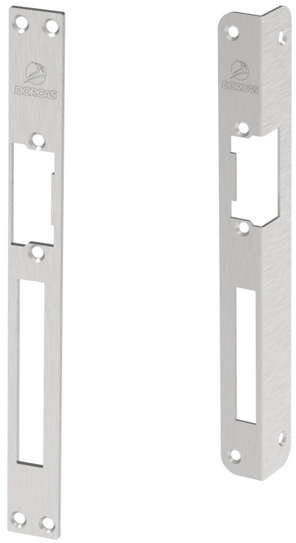
SHORT

Short faceplates are designed for doors in which a bolt closing system is not necessary.

LONG

Long faceplates are designed for doors in which a bolt closing system is necessary.

These faceplates incorporate a window for putting in the bolt lock or security bolts.



SHAPES

Apart from the typology in terms of size, short or long faceplates, angled, rounded-edge faceplates, special faceplates for wooden doors, etc. are also available.

WITH OUR LASER CUTTING PRODUCTION, WE CAN MAKE ANY SHAPE.

CHOICE OF HAND

REVERSIBLE

This type of faceplate can be metric and reversible, which means that they can be used for both DIN Left and DIN Right.

DIN LEFT

DIN LEFT faceplates CAN ONLY be used with DIN Left or right-hand strikes.

DIN RIGHT

DIN RIGHT faceplates can only be used with DIN Right or left-hand strikes.

REGULATION DIN 107

Standing on the side from which we are pulling the door, if the hinges are seen on the left, it will be a din left door.

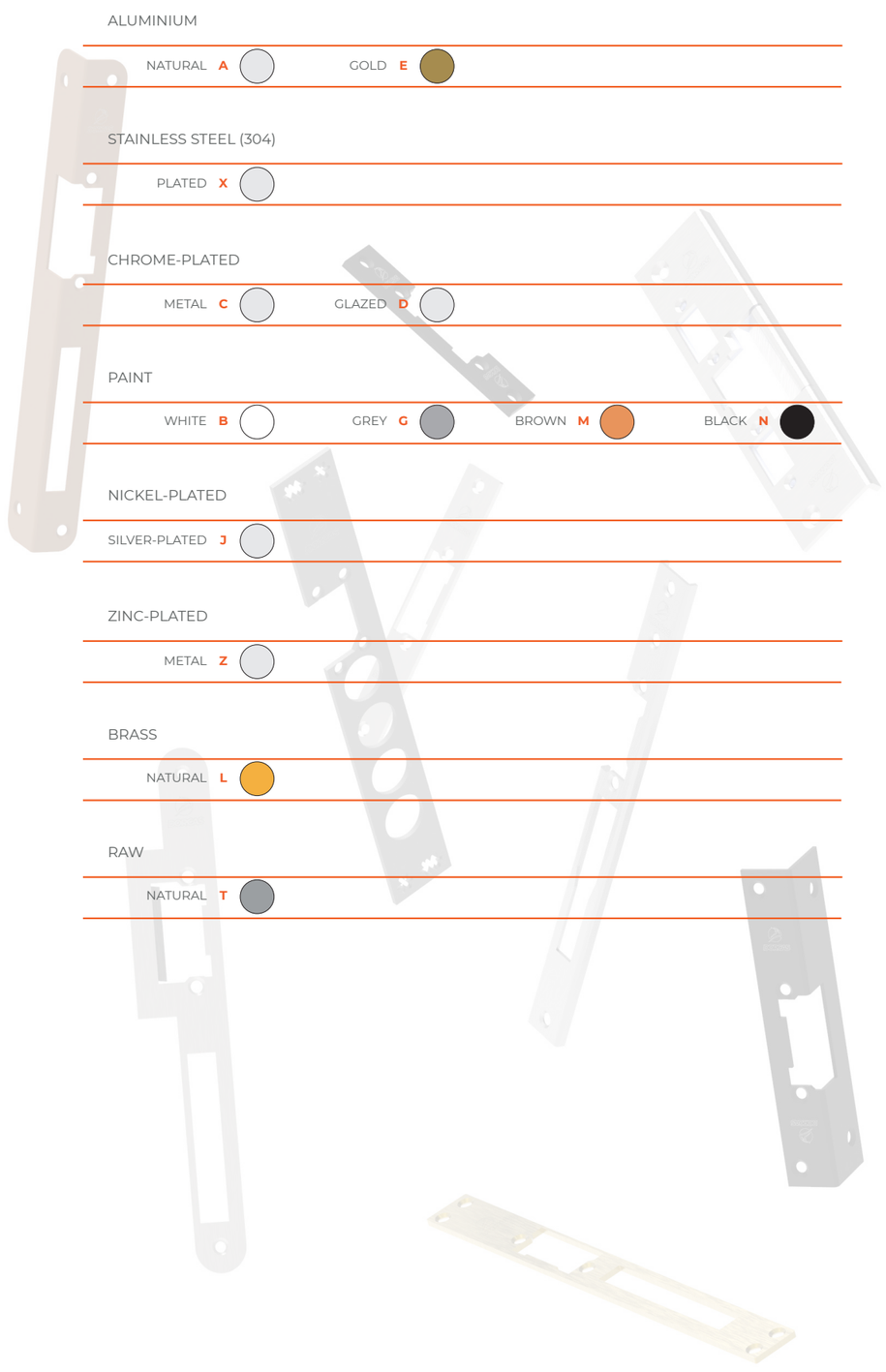
You need to order a DIN LEFT or right-hand strike.

Standing on the side from which we are pulling the door, if the hinges are seen on the right, it will be a din right door.

You need to order a DIN RIGHT or left-hand strike.

FINISHES

DORCAS offers a wide range of faceplates for combination with electric strikes. We make each product attractive because we know this is important for the customer. For the frames we have several standard finishes:



ALUMINIUM

NATURAL **A** GOLD **E**

STAINLESS STEEL (304)

PLATED **X**

CHROME-PLATED

METAL **C** GLAZED **D**

PAINT

WHITE **B** GREY **G** BROWN **M** BLACK **N**

NICKEL-PLATED

SILVER-PLATED **J**

ZINC-PLATED

METAL **Z**

BRASS

NATURAL **L**

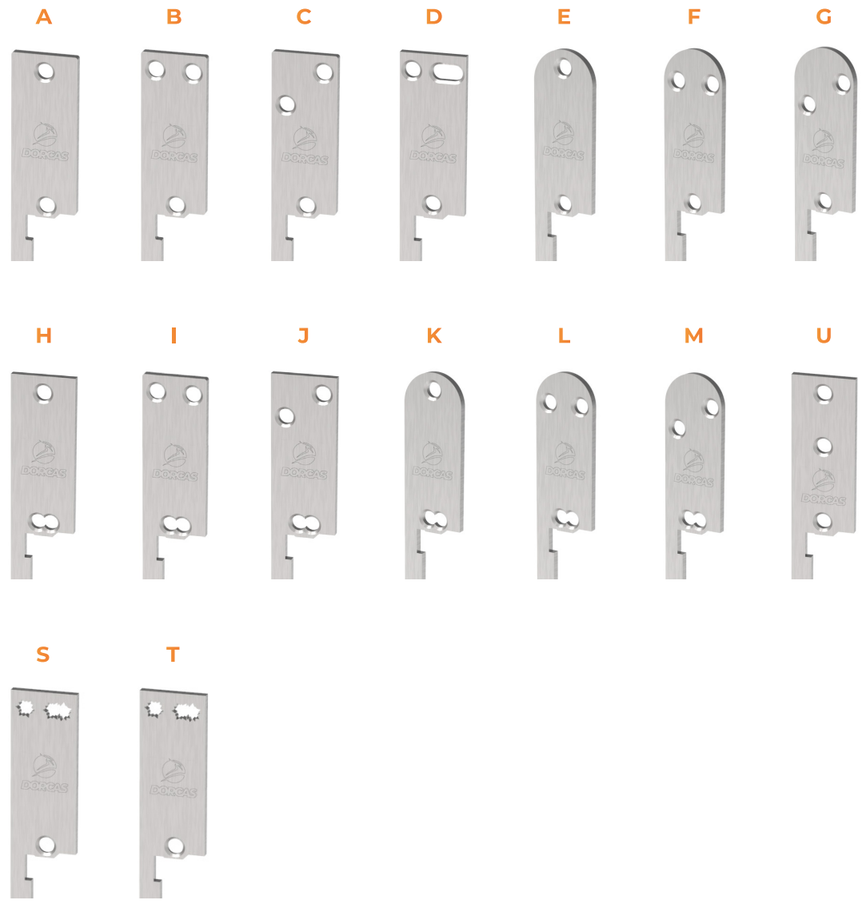
RAW

NATURAL **T**

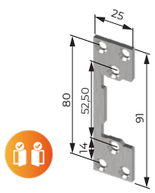
FIXTURE

We manufacture our faceplates with all kinds of shapes for their fastening, such as diagonal holes, a single hole, a double mounting hole, etc. All of them with countersunk holes to prevent the screws from protruding.

WE AIM TO COVER ANY CUSTOMER NEED



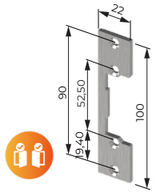
STANDARD



FP67 (BE)
91x25x3 mm

FINISH
X

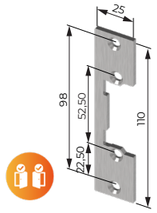
FIXTURE
A B



FP68 (BePe)
100x22x2 mm

FINISH
X

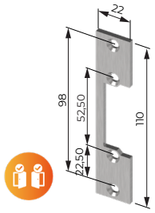
FIXTURE
A B



FP14 (B)
110x25x3 mm

FINISH
A B E G L N X Z

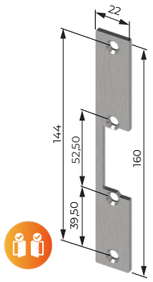
FIXTURE
A C E H I



FP15 (B22)
110x22x3 mm

FINISH
G N X Z

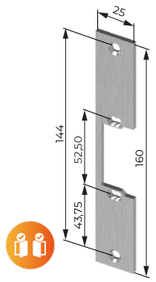
FIXTURE
A



FP11 (S22)
160x25x3 mm

FINISH
G L N X

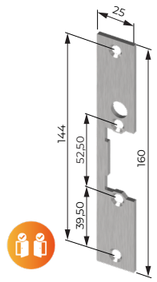
FIXTURE
A V



FP89 (CII)
160x25x3 mm

FINISH
G X

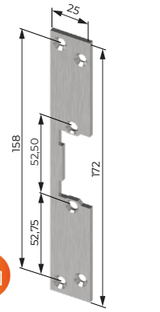
FIXTURE
A H



FP62 (S62)
160x25x3 mm

FINISH
G X

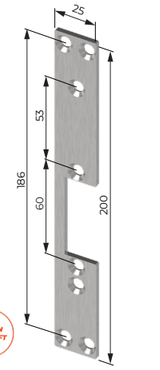
FIXTURE
A



FP97
172x25x3 mm

FINISH
C

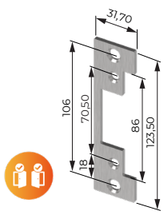
FIXTURE
X



FP18 (SX77 DIN LEFT)
200x25x3 mm

FINISH
G X

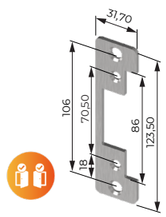
FIXTURE
A B



FP43 (P47)
123.5x31.7x3 mm

FINISH
X

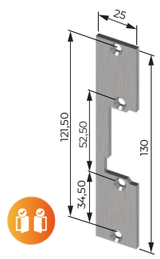
FIXTURE
A B E F



FP44 (R47)
123.5x31.7x3 mm

FINISH
X

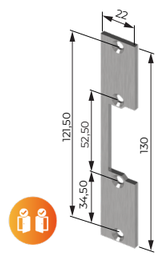
FIXTURE
A B E F



FP12 (P)
130x25x3 mm

FINISH
G L N X

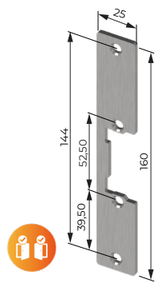
FIXTURE
A



FP13 (P22)
130x25x3 mm

FINISH
G M N X

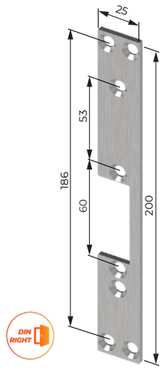
FIXTURE
A



FP10 (S)
160x25x3 mm

FINISH
A B E G L N X Z

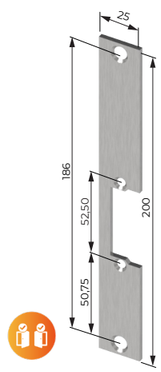
FIXTURE
A C E H I



FP19 (SX77 DIN RIGHT)
200x25x3 mm

FINISH
G X

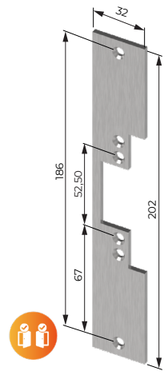
FIXTURE
A B



FPGF
200x25x3 mm

FINISH
X

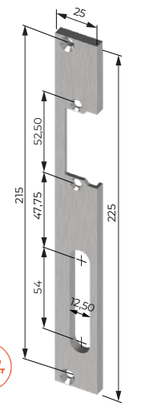
FIXTURE
A



FP81
200x32x2.5 mm e=2.5

FINISH
X

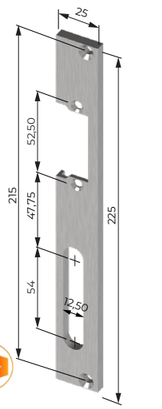
FIXTURE
A



FP71 (W86 DIN LEFT)
225x26x6 mm e=6

FINISH
X

FIXTURE
A

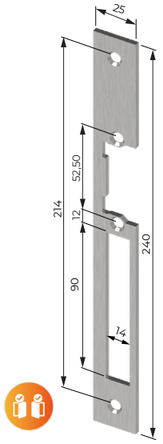


FP72 (W86 DIN RIGHT)
225x26x6 mm e=6

FINISH
X

FIXTURE
A

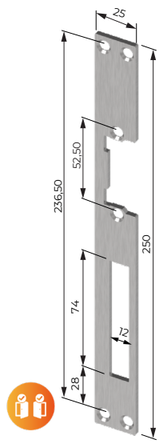
NOTE: If not otherwise indicated, the thickness (e) will be e=3 mm



FP79
240x25x3 mm

FINISH
X

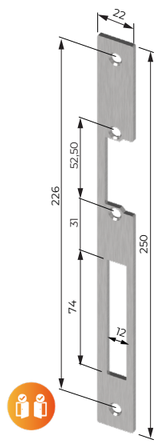
FIXTURE
A



FP21 (G)
250x25x3 mm

FINISH
A B G L M N X

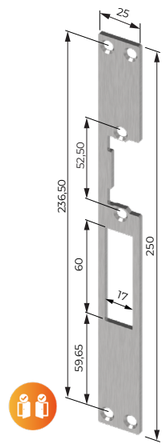
FIXTURE
B C E F I N O



FP69 (G22)
250x22x3 mm

FINISH
G X

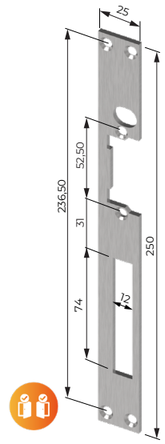
FIXTURE
A E



FP27 (GE)
250x25x3 mm

FINISH
B G X

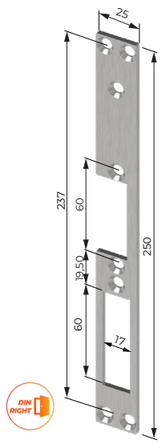
FIXTURE
B G



FP63 (G62)
250x25x3 mm

FINISH
X

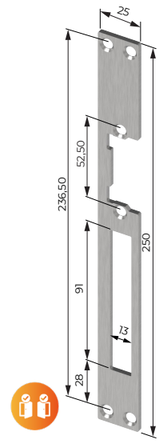
FIXTURE
B



FPC2 (MX77 DIN RIGHT)
250x25x3 mm

FINISH
X

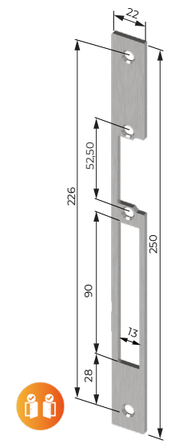
FIXTURE
B



FP23 (L)
250x25x3 mm

FINISH
C G L N X Z

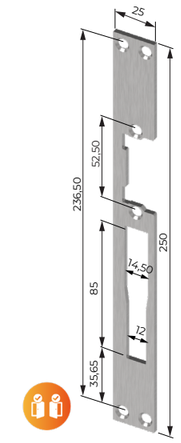
FIXTURE
A B F I



FP24 (L22)
250x25x3 mm

FINISH
G L M N X

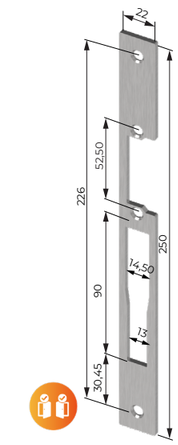
FIXTURE
A E



FP25 (T)
250x25x3 mm

FINISH
G N X

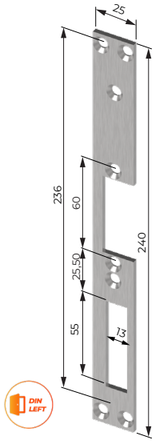
FIXTURE
B C



FP26 (T22)
250x22x3 mm

FINISH
G X

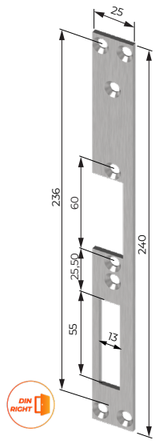
FIXTURE
A



FP34 (GX77 DIN LEFT)
250x25x3 mm

FINISH
G X

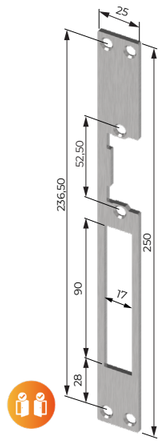
FIXTURE
B



FP35 (GX77 DIN RIGHT)
250x25x3 mm

FINISH
G X

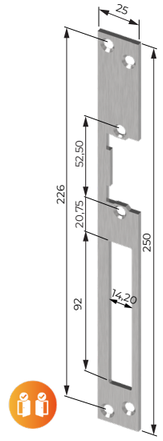
FIXTURE
B



FP22 (M)
250x25x3 mm

FINISH
B C E G L M N X

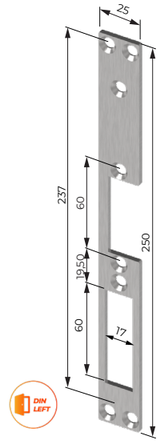
FIXTURE
B C I M F



FP99
250x25x3 mm

FINISH
G X

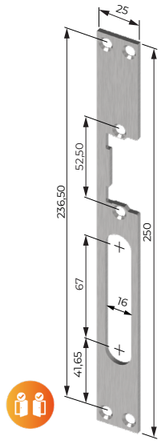
FIXTURE
A H



FPC1 (MX77 DIN LEFT)
250x25x3 mm

FINISH
X

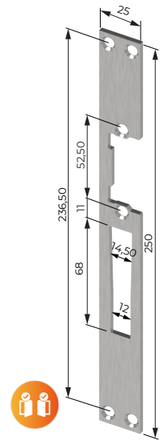
FIXTURE
B



FP28 (OVAL)
250x25x3 mm

FINISH
G L N Q X

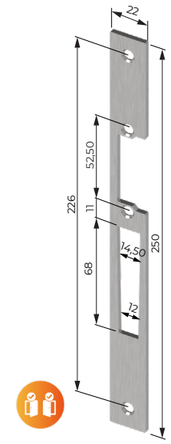
FIXTURE
B



FP46 (Z)
250x25x3 mm

FINISH
G X

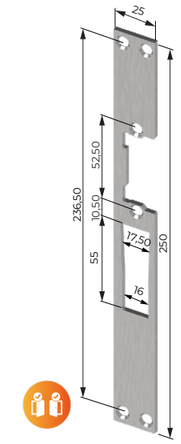
FIXTURE
A B



FP95 (Z22)
250x22x3 mm

FINISH
G X

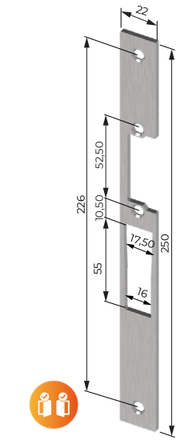
FIXTURE
A



FP47 (Q)
250x25x3 mm

FINISH
G X

FIXTURE
A B

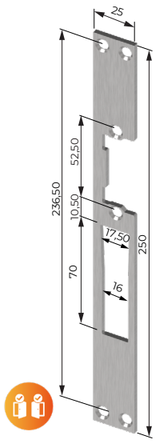


FPD6(Q22)
250x22x3 mm

FINISH
G X

FIXTURE
A

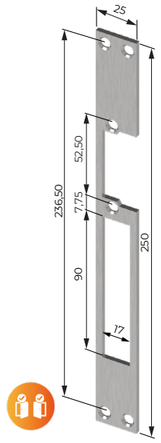
NOTE: If not otherwise indicated, the thickness (e) will be e=3 mm



FP70
250x25x3 mm

FINISH
G X

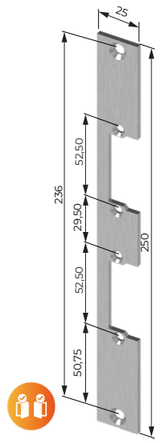
FIXTURE
B



FPC6
250x25x3 mm

FINISH
X

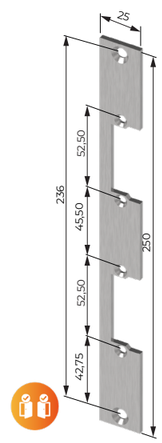
FIXTURE
B



FPF2
250x25x3 mm

FINISH
X

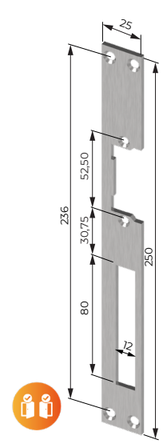
FIXTURE
A



FPF3
250x25x3 mm

FINISH
X

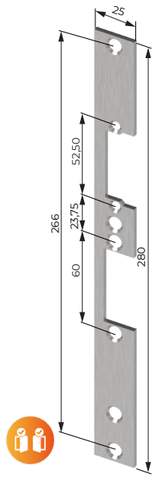
FIXTURE
A



FPF4
250x25x3 mm

FINISH
X

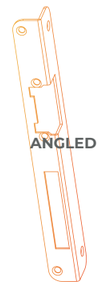
FIXTURE
B

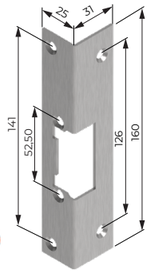


FPGH
160x25x3 mm

FINISH
X

FIXTURE
A

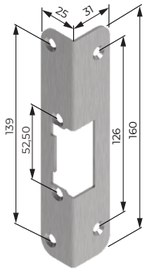




FP16 (F53)
160x25x31 mm

FINISH
G M N X

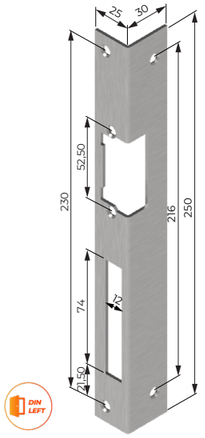
FIXTURE
A



FP17 (F54)
160x25x31 mm

FINISH
G M

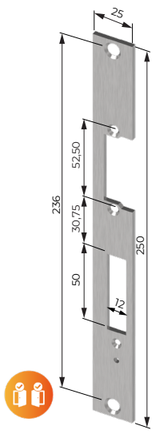
FIXTURE
E



FP29
250x25x30 mm

FINISH
G M X

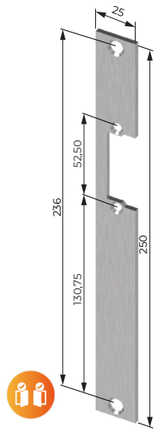
FIXTURE
A



FPF5
250x25x3 mm

FINISH
X

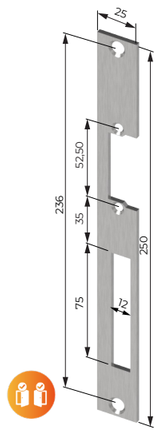
FIXTURE
A



FPG6
250x25x3 mm

FINISH
X

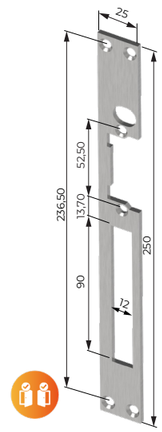
FIXTURE
N



FPGE
250x25x3 mm

FINISH
X

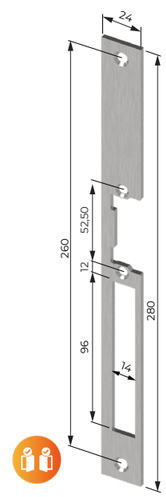
FIXTURE
B



FP78
250x25x3 mm

FINISH
X

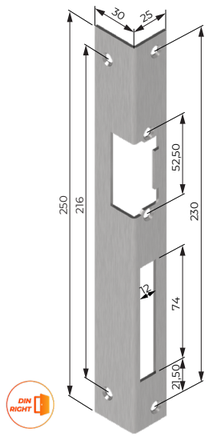
FIXTURE
B



FP33
280x24x3 mm

FINISH
X

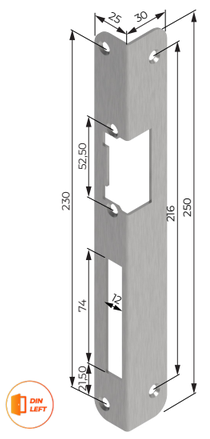
FIXTURE
A



FP30
250x25x30 mm

FINISH
G M X

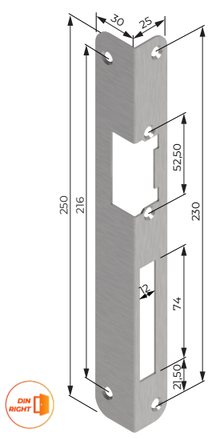
FIXTURE
A



FP31
250x25x30 mm

FINISH
G M X

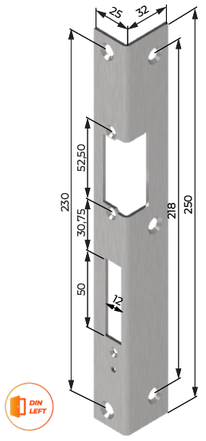
FIXTURE
E



FP32
250x25x30 mm

FINISH
G M X

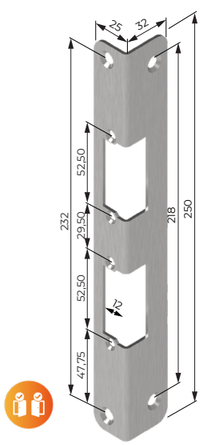
FIXTURE
E



FPF9
250x25x32 mm e=2

FINISH
X

FIXTURE
A

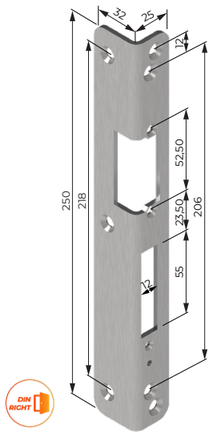


FPG5
250x25x32 mm e=2

FINISH
X

FIXTURE
E

NOTE: If not otherwise indicated, the thickness (e) will be e=3 mm

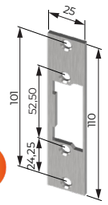


FPGC
250x25x32 mm

FINISH
X

FIXTURE
G

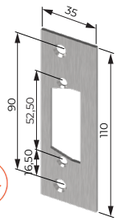
TOP SYSTEMS



FP20 (YB)
110x25x3 mm

FINISH
X

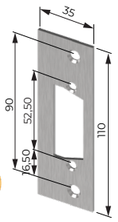
FIXTURE
A E F



FP60
110x35x2 mm e=2

FINISH
X

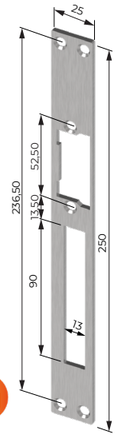
FIXTURE
A



FP61
110x35x2 mm e=2

FINISH
X

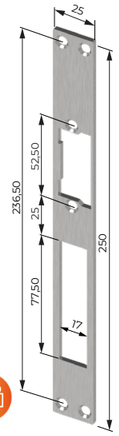
FIXTURE
A



FP42 (YL)
250x25x3 mm

FINISH
X

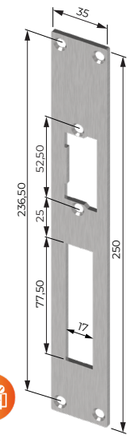
FIXTURE
B U



FP55
250x25x3 mm

FINISH
X

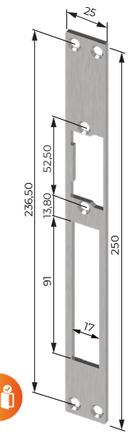
FIXTURE
B



FP56
250x35x3 mm

FINISH
X

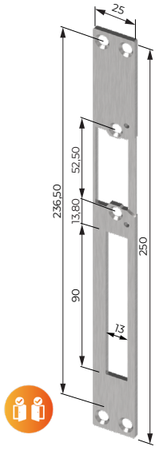
FIXTURE
B



FP58 (YM)
250x25x3 mm

FINISH
L X

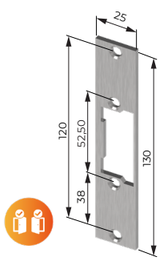
FIXTURE
A B U



FPA1
250x25x3 mm

FINISH
X

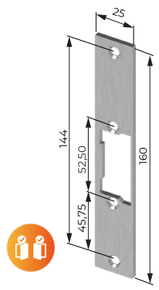
FIXTURE
B



FP74 (YP)
130x25x3 mm

FINISH
X

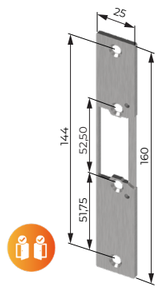
FIXTURE
A



FP41 (YS)
160x25x3 mm

FINISH
X

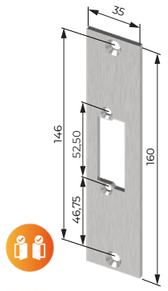
FIXTURE
A



FPA2
160x25x3 mm

FINISH
X

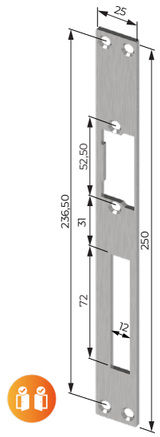
FIXTURE
A



FPF1
160x35x3 mm

FINISH
X

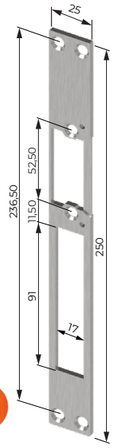
FIXTURE
A



FP38
250x25x3 mm

FINISH
X

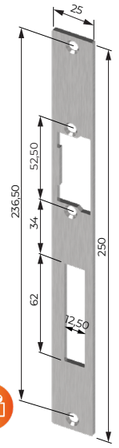
FIXTURE
A B F



FPA3
250x25x3 mm

FINISH
X

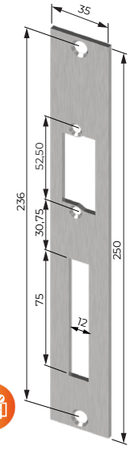
FIXTURE
A



FPC4
250x25x3 mm

FINISH
G L X

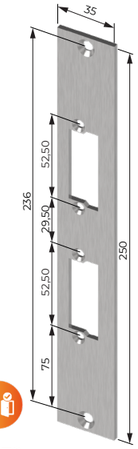
FIXTURE
A E



FPF6
250x35x3 mm

FINISH
X

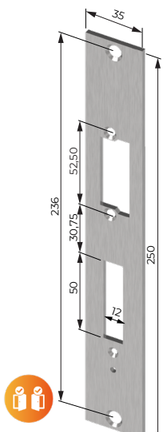
FIXTURE
A



FPF8
160x35x3 mm

FINISH
X

FIXTURE
A

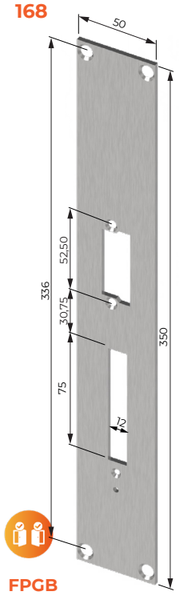


FPG3
250x35x3 mm

FINISH
X

FIXTURE
A

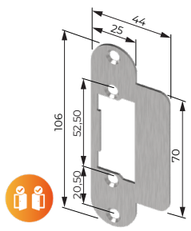
NOTE: If not otherwise indicated, the thickness (e) will be e=3 mm



FPGB
350x50x3 mm

FINISH
X

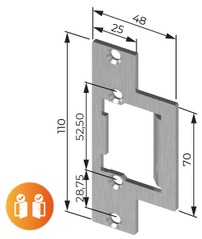
FIXTURE
B



FP48
106x44x3 mm

FINISH
X

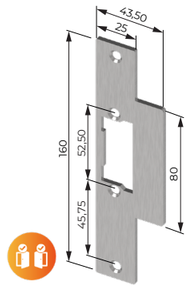
FIXTURE
E



FPD5
11x48x3 mm

FINISH
X

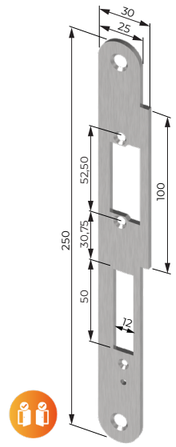
FIXTURE
A



FP49
160x44x3 mm

FINISH
X

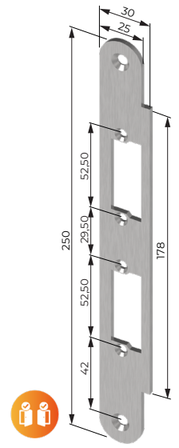
FIXTURE
A



FPG9
250x30x3 mm

FINISH
X

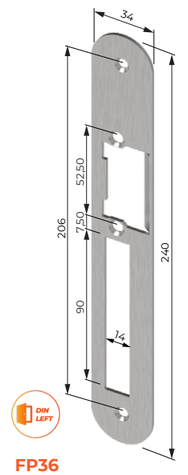
FIXTURE
E



FPF7
250x31x3 mm

FINISH
X

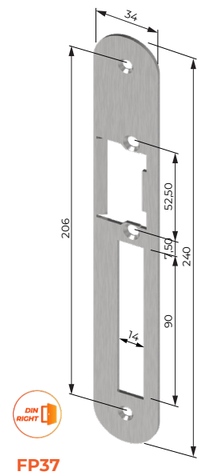
FIXTURE
E



FP36
240x34x2 mm e=2

FINISH
X

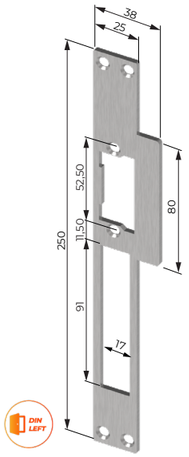
FIXTURE
B



FP37
240x34x2 mm e=2

FINISH
X

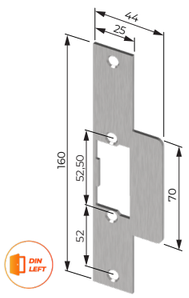
FIXTURE
B



FPD4
250x38x3 mm

FINISH
X

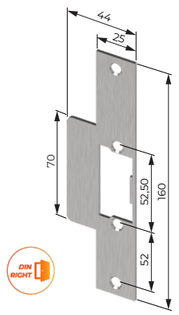
FIXTURE
B



FP50
160x44x3 mm

FINISH
X

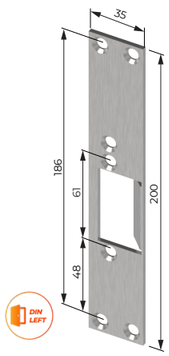
FIXTURE
A



FP51
160x44x3 mm

FINISH
X

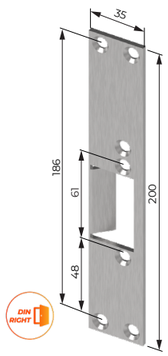
FIXTURE
A



FPE1 (SHX77 DIN LEFT)
200x35x3 mm

FINISH
X

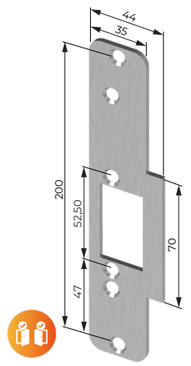
FIXTURE
B



FPE2 (SHX77 DIN RIGHT)
200x35x3 mm

FINISH
X

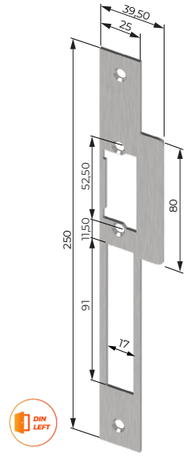
FIXTURE
B



FPGA
200x45x3 mm

FINISH
X

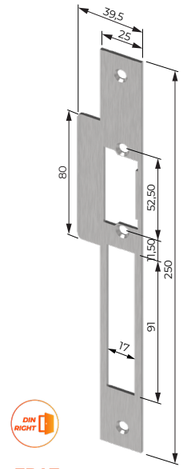
FIXTURE
E



FPA6
250x39.5x2 mm e=2

FINISH
X

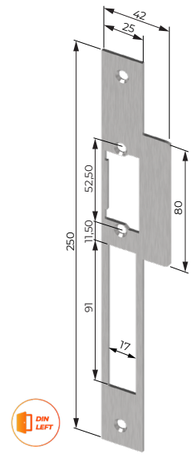
FIXTURE
A



FPA7
250x39.5x2 mm e=2

FINISH
X

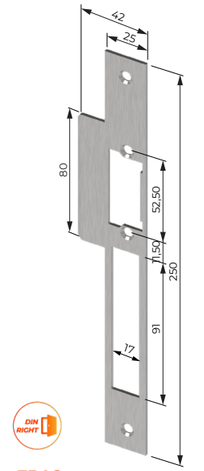
FIXTURE
A



FPA8
250x42x2 mm e=2

FINISH
X

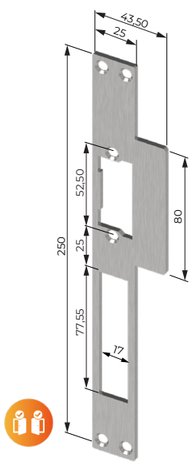
FIXTURE
A



FPA9
250x42x2 mm e=2

FINISH
X

FIXTURE
A

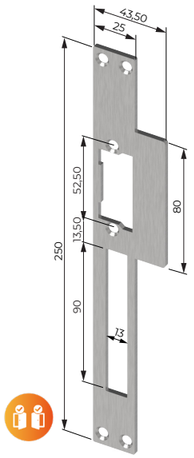


FP57
250x43.5x3 mm

FINISH
X

FIXTURE
B F

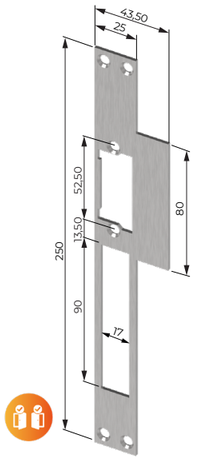
NOTE: If not otherwise indicated, the thickness (e) will be e=3 mm



FP52
250x43.5x3 mm

FINISH
X

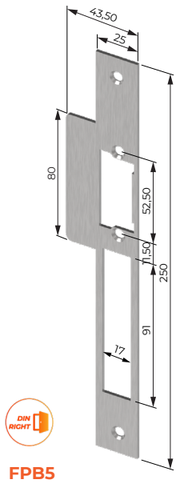
FIXTURE
B



FP53
250x43.5x3 mm

FINISH
X

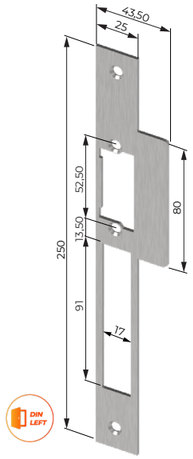
FIXTURE
B F



FPB5
250x43.5x3 mm

FINISH
X

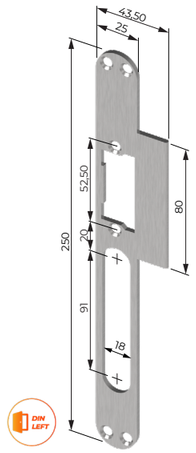
FIXTURE
A E



FPB6
250x43.5x3 mm

FINISH
X

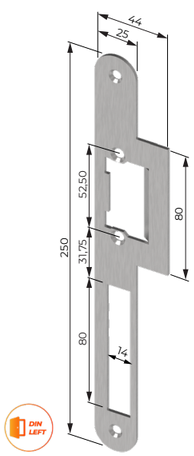
FIXTURE
A E



FPD1
250x43.5x3 mm

FINISH
X

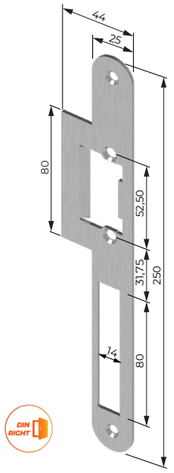
FIXTURE
F



FP39
250x44x3 mm

FINISH
X

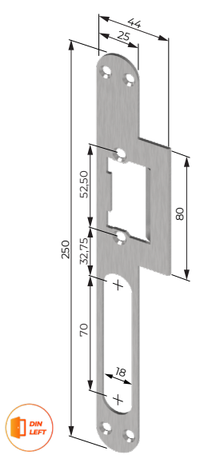
FIXTURE
E



FP40
250x44x3 mm

FINISH
X

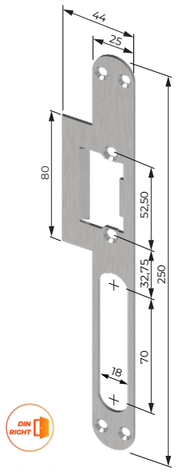
FIXTURE
E



FPD2
250x44x3 mm

FINISH
X

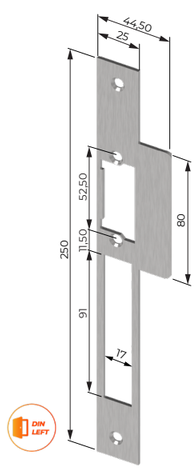
FIXTURE
F



FPD3
250x44x3 mm

FINISH
X

FIXTURE
F

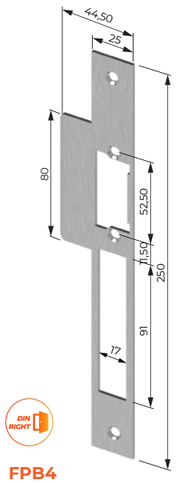


FPB2
250x44.5x3 mm

FINISH
X

FIXTURE
A

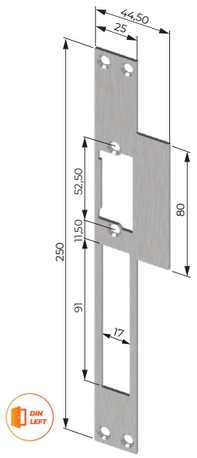
NOTE: If not otherwise indicated, the thickness (e) will be e=3 mm



FPB4
250x44.5x3 mm

FINISH
X

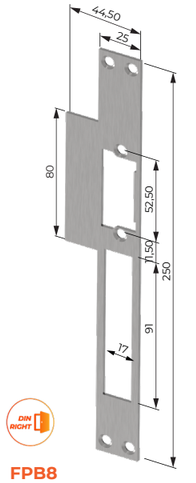
FIXTURE
A



FPB7
250x44.5x1.5 mm e=1.5

FINISH
G L X

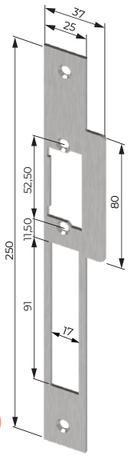
FIXTURE
B F



FPB8
250x44.5x1.5 mm e=1.5

FINISH
G L X

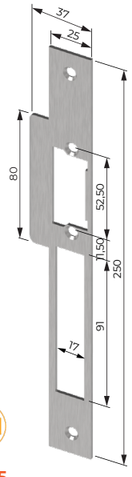
FIXTURE
B F



FPA4
250x37x2 mm e=2

FINISH
X

FIXTURE
A

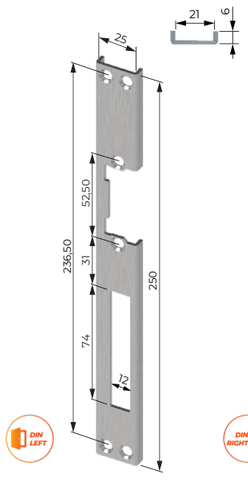


FPA5
250x37x2 mm e=2

FINISH
X

FIXTURE
A

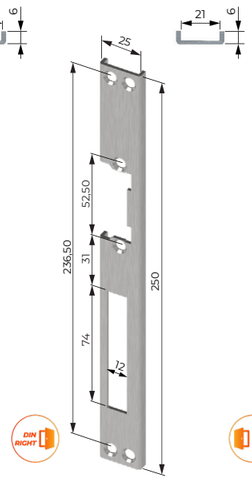
U SHAPE



FP82 (UG DIN LEFT)
250x25x6 mm e=2

FINISH
X

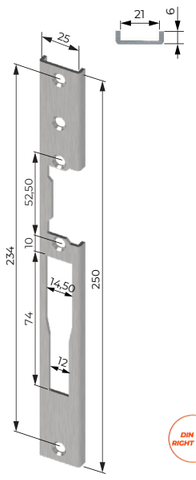
FIXTURE
B



FPD9 (UG DIN RIGHT)
250x25x6 mm e=2

FINISH
X

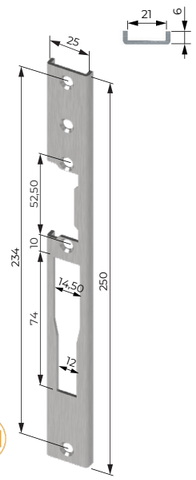
FIXTURE
B



FP90 (UT DIN LEFT)
250x25x6 mm e=2

FINISH
X

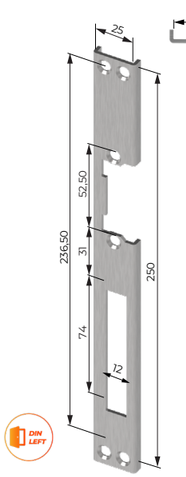
FIXTURE
A



FP91 (UT DIN RIGHT)
250x25x6 mm e=2

FINISH
X

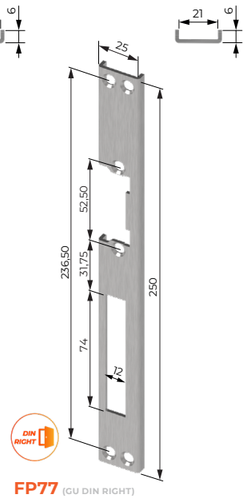
FIXTURE
A



FP64 (GU DIN LEFT)
250x25x6 mm e=2

FINISH
A X

FIXTURE
B

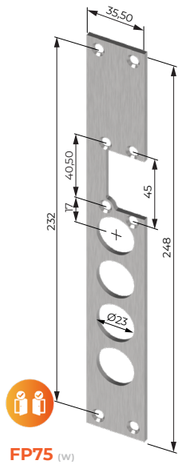


FP77 (GU DIN RIGHT)
250x25x6 mm e=2

FINISH
A X

FIXTURE
B

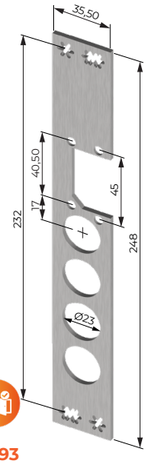
ITALIAN



FP75 (W)
248x35.5x2 mm

FINISH
G X

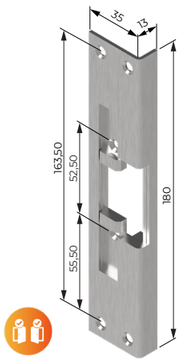
FIXTURE
B



FP93
248x35.5x2 mm

FINISH
G X

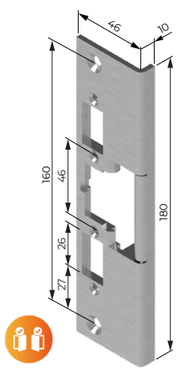
FIXTURE
S



FPEF
180x35x13 mm

FINISH
X

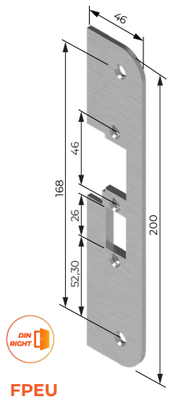
FIXTURE
B



FPET
180x46x10 mm

FINISH
X

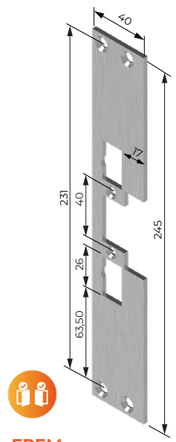
FIXTURE
A



FPEU
200x40x6 mm

FINISH
X

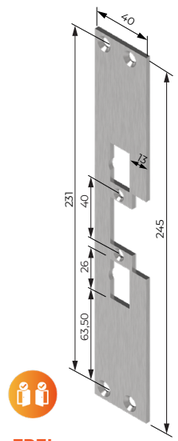
FIXTURE
E



FPEM
245x40x3 mm

FINISH
X

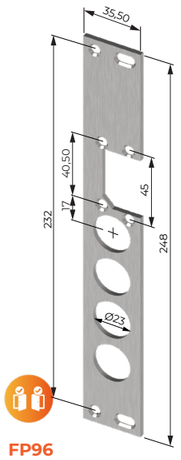
FIXTURE
B



FPEL
245x40x7 mm

FINISH
X

FIXTURE
B

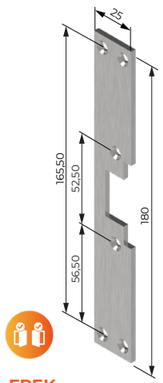


FP96
248x35.5x2 mm

FINISH
G X

FIXTURE
D

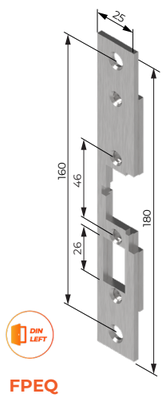
SCANDINAVIAN



FPEK
180x25x3 mm

FINISH
X

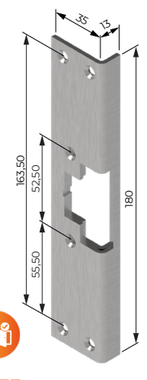
FIXTURE
B



FPEQ
180x25x6 mm

FINISH
X

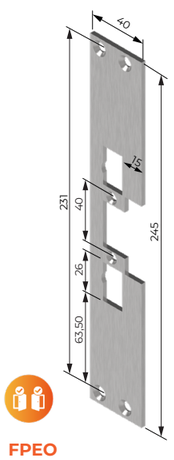
FIXTURE
A



FPEE
180x35x13 mm

FINISH
X

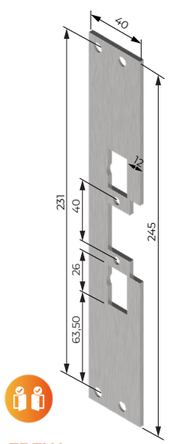
FIXTURE
B



FPEO
245x40x7 mm

FINISH
X

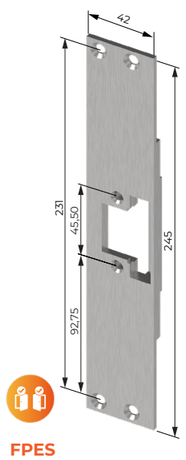
FIXTURE
B



FPEW
240x40x7 mm e=2

FINISH
X

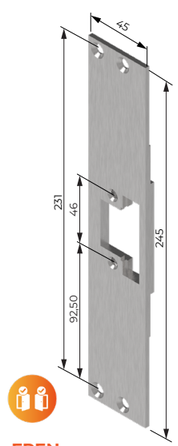
FIXTURE
B



FPES
245x42x11 mm

FINISH
X

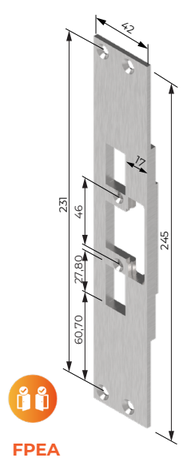
FIXTURE
B



FPEN
245x45x11 mm

FINISH
X

FIXTURE
B

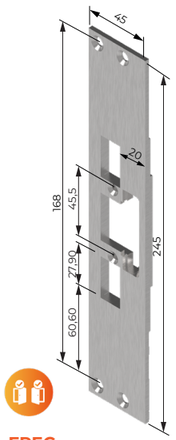


FPEA
245x42x11 mm

FINISH
X

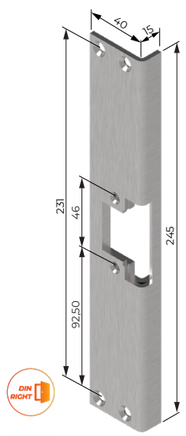
FIXTURE
B

NOTE: If not otherwise indicated, the thickness (e) will be e=3 mm



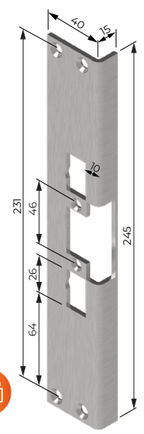
FPEC
245x45x11 mm

FINISH
x
FIXTURE
B



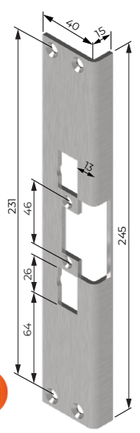
FPED
245x40x15 mm

FINISH
x
FIXTURE
B



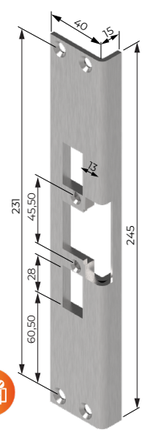
FPEB
245x40x15 mm

FINISH
x
FIXTURE
B



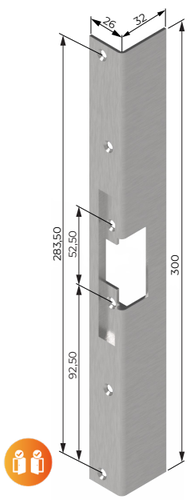
FPEP
245x40x15 mm

FINISH
x
FIXTURE
B



FPEV
245x40x15 mm

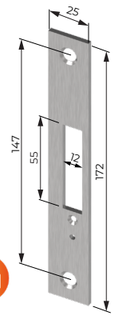
FINISH
x
FIXTURE
B



FPEJ
300x26x32 mm

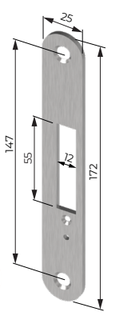
FINISH
x
FIXTURE
A

OTHER USES



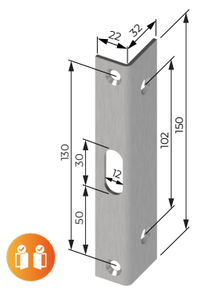
FPG7
172x25x3 mm

FINISH
x
FIXTURE
A



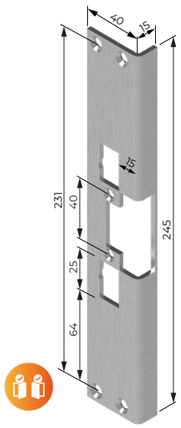
FPG8
172x25x3 mm

FINISH
x
FIXTURE
E



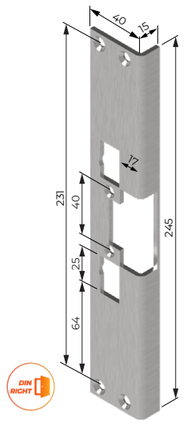
FPGN
150x22x32 mm e=2.5

FINISH
x
FIXTURE
A



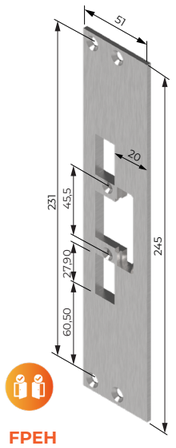
FPEX
245x40x15 mm

FINISH
x
FIXTURE
B



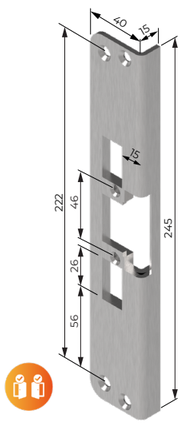
FPEY
245x40x15 mm

FINISH
x
FIXTURE
B



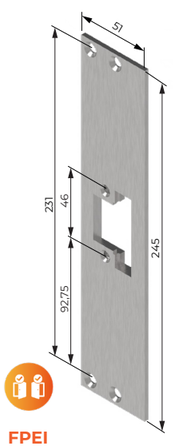
FPEH
245x51x11 mm

FINISH
x
FIXTURE
B



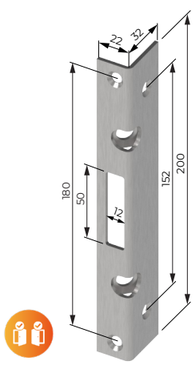
FPER
245x40x15 mm

FINISH
x
FIXTURE
B



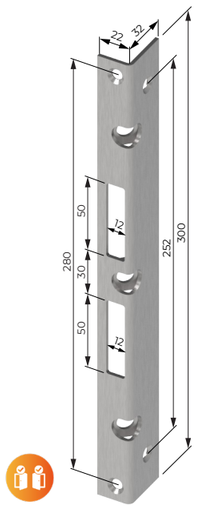
FPEI
245x51x11 mm

FINISH
x
FIXTURE
B



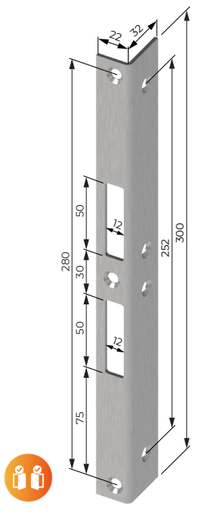
FPGM
200x22x32 mm e=2.5

FINISH
x
FIXTURE
A



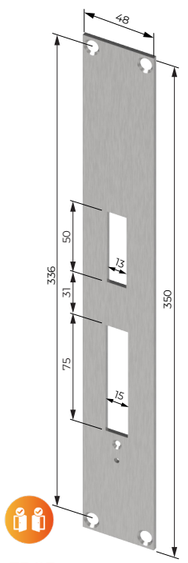
FPGL
300x22x32 mm e=2.5

FINISH
x
FIXTURE
A



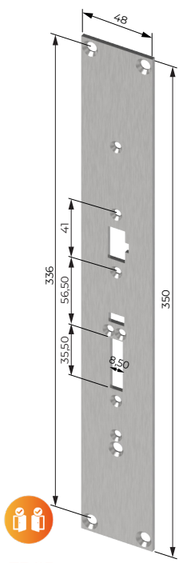
FPGP
300x22x32 mm e=2.5

FINISH
x
FIXTURE
A



FPGD
350x48x3 mm

FINISH
x
FIXTURE
B



FPGJ
350x48x3 mm

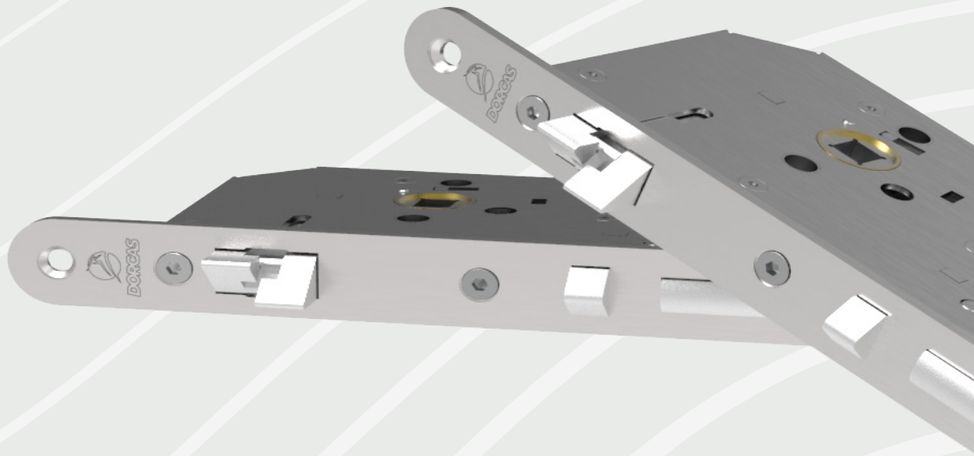
FINISH
x
FIXTURE
B

NOTE: If not otherwise indicated, the thickness (e) will be e=3 mm

ELECTROMECHANICAL LOCKS

WHAT IS AN ELECTROMECHANICAL LOCK?

DORCAS' electromechanical locks offer high levels of safety and comfort, outdoing conventional mechanical systems on various counts.
They are installed on the door leaf unlike a strike, which is installed on the frame, and they offer lasting performance and low maintenance.



TYPOLOGY

AUTOMATIC

This type of electromechanical lock has automatic closing and opening. The door can be opened with an electrical impulse.

SELF-LOCKING

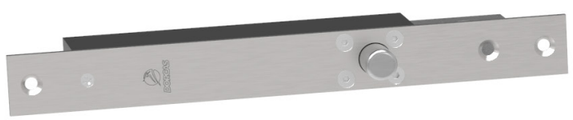
Electromechanical self-locking locks have automatic locking. When the trigger is pressed the bolt is extracted. On the other hand, for the opening we will always need a handle to be able to withdraw the bolt.

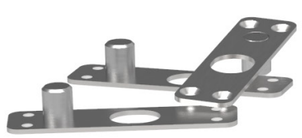
MOTORISED

Motorised locks are ideal for sensitive areas where security is vital. These types of locks are particularly convenient to use. The door is opened by means of a low voltage micro motor, the latch is withdrawn by means of an electrical signal and also offers the convenience of key cylinder opening in the event of an emergency. The DORCAS motorised technology is automatically activated when the door is closed, without the need for a key.

ELECTRIC DROP BOLT

Electric drop bolt are high-security electromechanical locks. This is due to their solid construction, they incorporate a cylindrical bolt of great hardness and so they offer high-resistance against attempted vandalism, robberies, etc.
They consist of two parts: the piston, which is usually installed in the door leaf, and the counterplate, which is installed in the door frame and incorporates the magnet that causes the bolt to be extracted or inserted (either fail safe or fail secure).



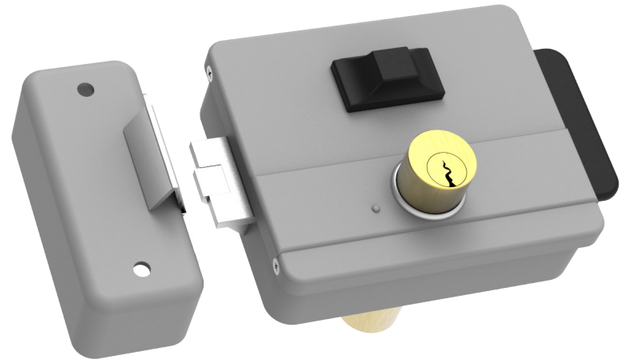


SURFACE-MOUNTED LOCKS

Sometimes it is not possible to install a flush-mounted lock. With surface-mounted locks, you will find the perfect solution for increasing the security of your doors quickly and efficiently.

This type of lock adapts to any type of door and is installed on the inside, thus avoiding manipulation from the outside.

MAXIMUM SECURITY MADE VISIBLE



When choosing the hand for an electromechanical lock, it is important to remember the DIN 107 regulation.

REGULATION DIN 107

Standing on the side from which we are pulling the door, if the hinges are seen on the left, it will be a din left door.

You need to order a DIN LEFT or right-hand strike.

Standing on the side from which we are pulling the door, if the hinges are seen on the right, it will be a din right door.

You need to order a DIN RIGHT or left-hand strike.

DORCAS AUTOMATIC

DORCAS AUTOMATIC

DUO

The DUO electromechanical lock consists of an electrical part (DUO E) installed in the frame, and a mechanical part (DUO M) installed in the door leaf.
When the door closes, **the bolt comes out automatically** to lock it without the need to put the key in. **Actuating the handle, turning the key or electrically the whole system is unlocked** so that the door can be opened just by pushing it.

INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Height (DUO E)	111.7 mm
Height (DUO M)	174 mm
Width (DUO E)	17 mm
Width (DUO M)	17 mm
Depth (DUO E)	28 mm
Depth (DUO M)	C*
Electrically tested cycles	200,000
Work temperature range	-20 / +50 °C
Consumption on start-up	12 VDC 1200 mA 12 VAC 960 mA
Consumption on idle	12 VDC 80 mA 12 VAC 170 mA

MAXIMUM SECURITY · EASY · 12-24 AC/DC

3	C	5	0	-	0	0	1 0	0

EN 14846-2008 - System 1

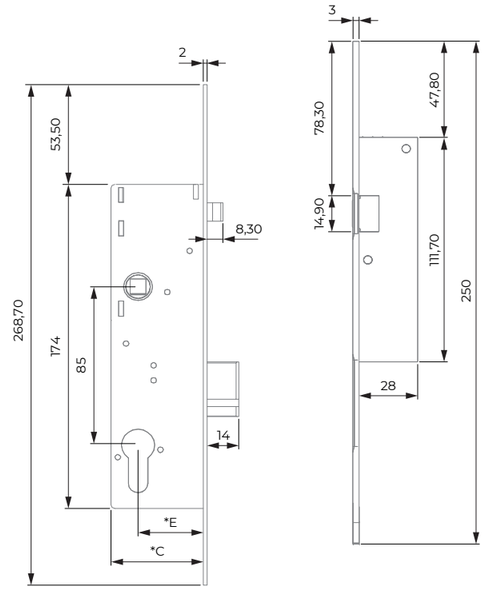
FUNCTIONS

Automatic closing	Yes
Opening	Electrical/Manual
Anti-thrust	Yes
Monitoring	Optional

MODELS

	E* (mm)	C* (mm)
DUO 20/85	20	34
DUO 25/85	25	39
DUO 30/85	30	44
DUO 35/85	35	49
DUO 40/85	40	54
DUO 50/85	50	64
DUO 60/85	60	74

*E = Distance between the centre of the cylinder and the front.
*C = Total depth of the lock.



ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	12 AC-DC	24 AC-DC
OPERATION	FAIL SECURE	FAIL SECURE
COIL RESISTANCE (Ω)	17	32
AC CURRENT CONSUMPTION (mA)	525	600
DC CURRENT CONSUMPTION (mA)	700	750
MAX. OPENING PRELOAD AC (N)	-	-
MAX. OPENING PRELOAD DC (N)	-	-

AUTOMATIC TRIGGERING

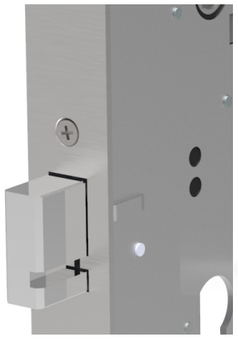
When the door closes the lock is automatically triggered. To open, we withdraw it with an electrical press, by turning the key or the handle. This bolt is solid, providing maximum security.

REVERSIBLE

Both the mechanical part (DUO M) and the electrical part (DUO E) can work on any type of door, irrespective of whether they open to the left or right.

TOTAL COMPATIBILITY

The DUO is compatible with short cam and long cam key cylinders.



DESIGN AND SECURITY

Available with straight faceplates or faceplates with rounded edges. Choose the design you like best.

Ideal solution for owners associations due to its security and convenience.

ANTI-THRUST

The DUO bolt has an anti-thrust device , considerably improving its anti-vandal properties.

COMPLETE INSTALLATION

The DUO's installation is facilitated by adjustment add-ons, which also make it possible to set the right distance between the electrical part (DUO E) and the mechanical part (DUO M).

DORCAS AUTOMATIC

DUO DÍA Y NOCHE

The DUO DÍA Y NOCHE has been developed for situations in which a **long-duration electrical supply** is necessary in order to access control during certain times of the day (owners associations with answering device, companies, etc.).

INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Height (DUO E)	111.7 mm
Height (DUO M)	174 mm
Width (DUO E)	17 mm
Width (DUO M)	17 mm
Depth (DUO E)	28 mm
Depth (DUO M)	C*
Electrically tested cycles	200,000
Work temperature range	-20 / +50 °C
Consumption on start-up	12 VDC 1200 mA 12 VAC 960 mA
Consumption on idle	12 VDC 80 mA 12 VAC 170 mA

EASY · 12-24 AC/DC

3 C 5 0 - 0 0 1 0

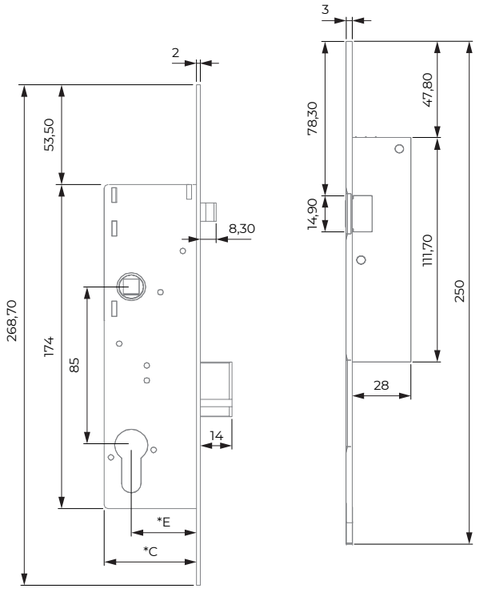
EN 14846-2008 - System 1

FUNCTIONS

Automatic closing	Yes
Opening	Electrical/Manual
Anti-thrust	Yes
Monitoring	Optional

DN SYSTEM

One press disarms the electric part and the door becomes an access gate; another press resets the lock, once we open the door and close it again.



NOTE: See models and electrical specifications of page 183

IDEAL FOR ACCESS CONTROL! NEW

DORCAS AUTOMATIC

DUO 305

The DUO 305 has a **monitoring function** (305) and incorporates a wired output that signals door open or closed, alarm activated or any other additional function.

INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Height (DUO E)	111.7 mm
Height (DUO M)	174 mm
Width (DUO E)	17 mm
Width (DUO M)	17 mm
Depth (DUO E)	28 mm
Depth (DUO M)	C*
Electrically tested cycles	200,000
Work temperature range	-20 / +50 °C
Consumption on start-up	12 VDC 1200 mA 12 VAC 960 mA
Consumption on idle	12 VDC 80 mA 12 VAC 170 mA

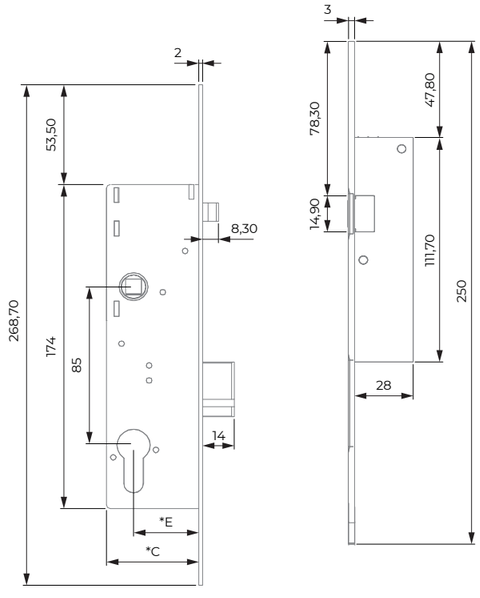
305 MONITORING · 12-24 AC/DC

3 C 5 0 - 0 0 1 0

EN 14846-2008 - System 1

FUNCTIONS

Automatic closing	Yes
Opening	Electrical/Manual
Anti-thrust	Yes
Monitoring	Yes



NOTE: See models and electrical specifications of page 183

USE WITH ACCESS CONTROL

The DUO 305 version was conceived for use in installations with any type of access control.

DORCAS AUTOMATIC
DUO M

The DUO M lock is the mechanical part of the DUO set, **it is installed in the door leaf** and as it is completely mechanical it isn't necessary to wire the leaf.

The dimensions of the mechanical part meet the most common standards, making it **ideal for refitting**.

INSTALLATION SPECIFICATIONS

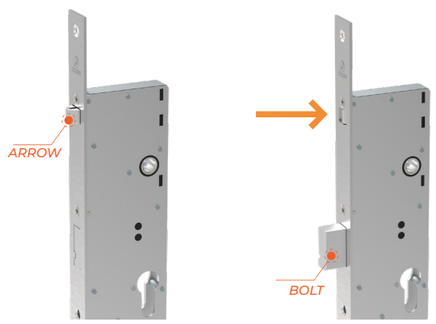
Type of installation	Flush-mounted
Reversible	Yes
Height	174 mm
Width	17 mm
Depth	C*
Electrically tested cycles	200,000
Work temperature range	-20 / +50 °C

3	C	5	0	-	0	0	0	0

EN 14846-2008 - System 1

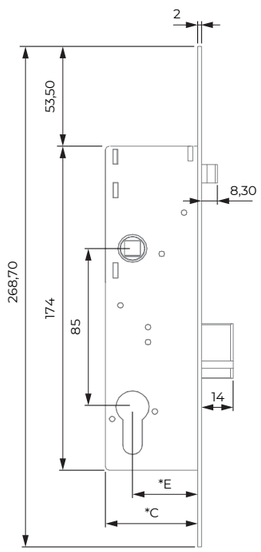
FUNCTIONS

Automatic closing	Yes
Opening	Manual
Anti-thrust	Yes
Monitoring	No



AUTOMATIC TRIGGERING

When the DUO is in the idle state, the arrow protrudes in its entirety. As this element is pressed, the bolt comes out until it is locked by the anti-thrust mechanism, so that when the door is closed, the bolt is automatically triggered.



NOTE: See models and electrical specifications of page 183

DORCAS AUTOMATIC
DUO E

The DUO E lock is the electrical part of the DUO set and **is installed in the door frame**.

The dimensions of the electrical part match the most commonly sold strikes, making it **ideal for refitting**.

INSTALLATION SPECIFICATIONS

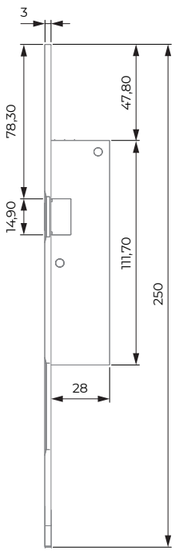
Type of installation	Flush-mounted
Reversible	Yes
Height	111.7 mm
Width	17 mm
Depth	28 mm
Electrically tested cycles	200,000
Work temperature range	-20 / +50 °C

3	C	5	0	-	0	0	1 0	0

EN 14846-2008 - System 1

FUNCTIONS

Automatic closing	Yes
Opening	Electrical
Anti-thrust	No
Monitoring	Optional



MINIMUM CONSUMPTION

The DUO E electromechanical lock offers a lower power consumption than the market standard; it only requires a pulse of 600mA in alternating current or 700mA in direct current.

NOTE: See models and electrical specifications of page 183

DORCAS
SELF-LOCKING

DORCAS

SELF-LOCKING

DSL

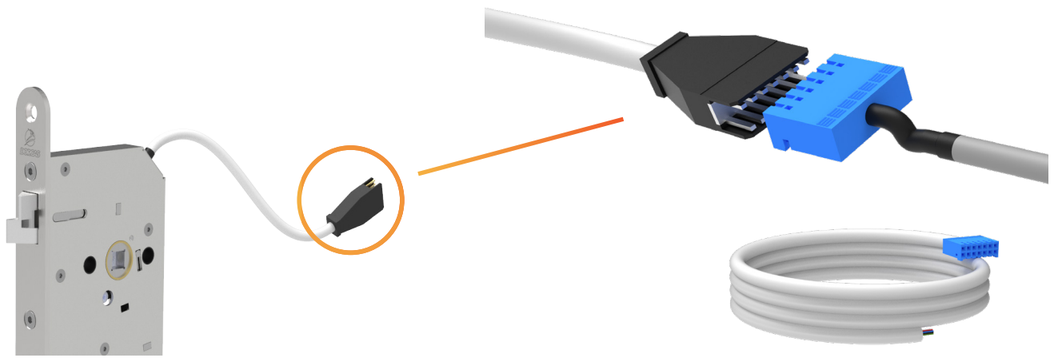
The DSL electromechanical lock is a **self-locking and automatic triggering** lock with panic exit system that guarantees the highest level of security and durability, with maximum certification, suitable for apartment buildings, schools, hotels and offices.

INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Height	170 mm
Width	15 mm
Depth	C*
Voltage	10-24 VDC
Consumption	250 mA
Electrically tested cycles	200,000
Work temperature range	-20 / +50 °C

FUNCTIONS

Automatic closing	Yes
Opening	Manual
Anti-thrust	Yes
Monitoring	Yes
Acoustic signal	Yes
Panic handle	Optional



COMPATIBLE CONNECTOR

The connector incorporated in the DSL electromechanical lock is fully compatible with those already on the market, making it perfect for quick and easy replacement.

The connection cable has a 14-wire connector and is 6 m long.

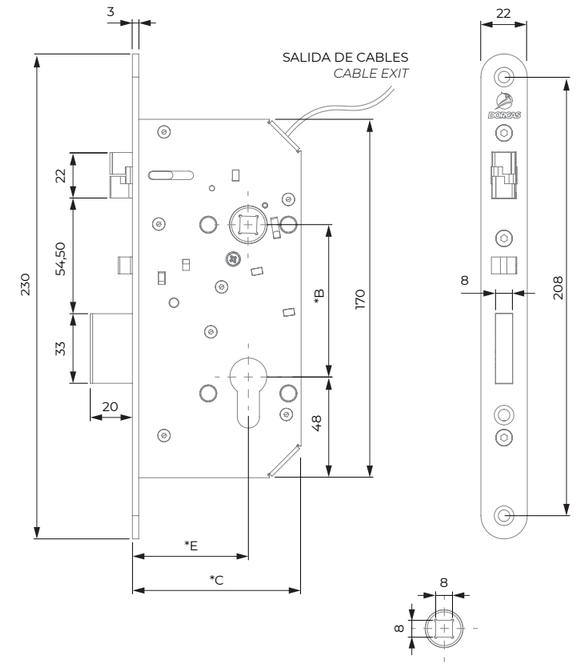
Ref: *L-DSL-CC6-------*

THE PERFECT SOLUTION FOR YOUR PEACE OF MIND! NEW

	B* (mm)	E* (mm)	C* (mm)
55/72	72	55	80
65/72	72	65	90
50/90	90	50	80
35/92	92	35	50
45/92	92	45	60

*E = Distance between the centre of the cylinder and the front.
*C = Total depth of the lock.
*B = Distance between the centre of the cylinder and the follower.

** In DSL type 35/92 and 45/92, the handle square will be 7.00 x 7.00 [mm]



MODELS

DSL 55/72

Ref: *L-DSL55/72------*
Ref: *L-DSL55/72FSA---*
Ref: *L-DSL55/72FSANP-*
Ref: *L-DSL55/72NP----*

DSL 65/72

Ref: *L-DSL65/72------*
Ref: *L-DSL65/72FSA---*
Ref: *L-DSL65/72FSANP-*
Ref: *L-DSL65/72NP----*

DSL 50/90

Ref: *L-DSL50/90------*
Ref: *L-DSL50/90FSA---*
Ref: *L-DSL50/90FSANP-*
Ref: *L-DSL50/90NP----*

DSL 35/92

Ref: *L-DSL35/92------*
Ref: *L-DSL35/92FSA---*
Ref: *L-DSL35/92FSANP-*
Ref: *L-DSL35/92NP----*

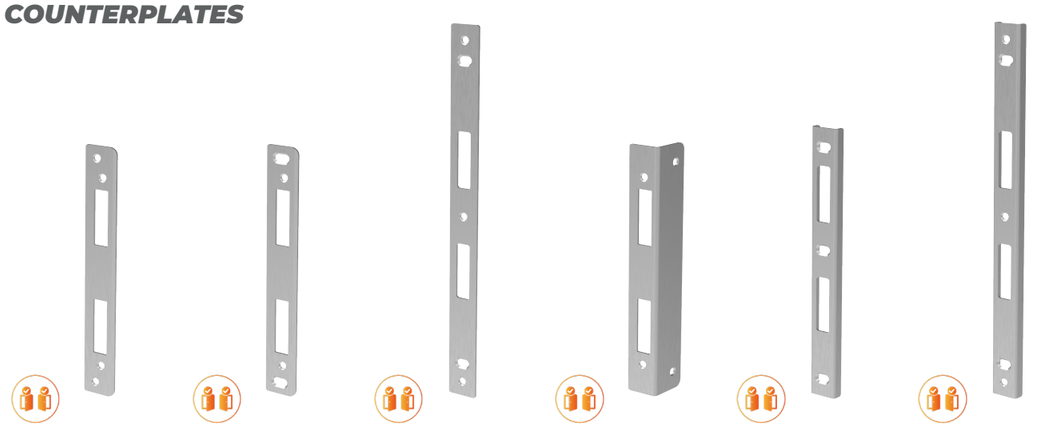
DSL 45/92

Ref: *L-DSL45/92------*
Ref: *L-DSL45/92FSA---*
Ref: *L-DSL45/92FSANP-*
Ref: *L-DSL45/92NP----*

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

NOTE: FSA=Fail safe - NP=No panic handle

COUNTERPLATES



DSL1
205x27x1.5 mm
Ref: E-DSL1------X---

DSL2
205x27x1.5 mm
Ref: E-DSL2------X---

DSL3
300x24x1.5 mm
Ref: E-DSL3------X---

DSL4
205x25x32 mm
Ref: E-DSL4------X---

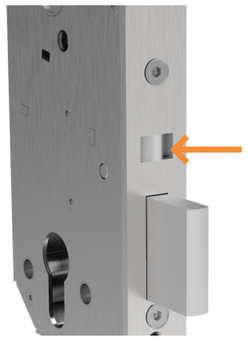
DSL5
220x22x8.5 mm
Ref: E-DSL5------X---

DSL6
300x22x8.5 mm
Ref: E-DSL6------X---

NOTE: If not otherwise indicated, the thickness (e) will be e=1.5 mm

TYPES OF OPENING

MECHANICAL OPENING Handle panic side and key cylinder.
ELECTRICAL OPENING Turning the outside handle during the electrical pulse.



AUTOMATIC TRIGGERING

When the door is closed, the trigger automatically extracts the bolt, providing extra security.

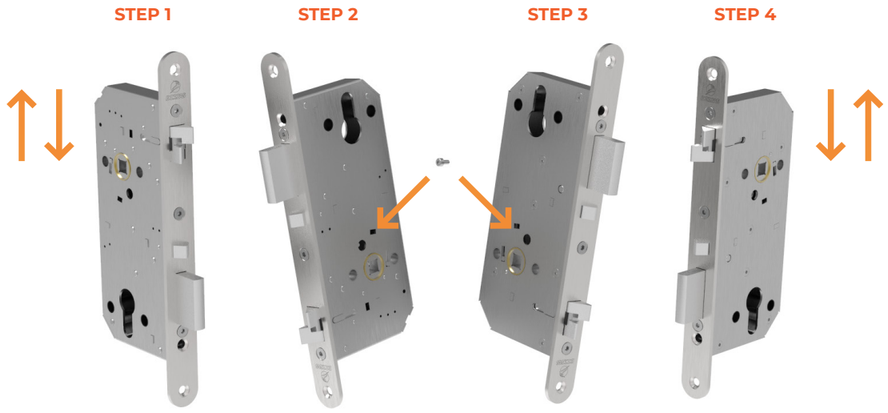
QUADRUPLE MONITORING

The DSL electromechanical lock incorporates three microphones for monitoring the status of the bolt (1), the handle (2), the trigger (3) and the key cylinder (4).

ANTI-THRUST

Both the bolt and the latch have an anti-thrust device, considerably improving their anti-vandal properties.

THE PERFECT SOLUTION FOR YOUR PEACE OF MIND! NEW



CHANGE OF PANIC SIDE

The easy change of the panic side allows us to change the orientation of the security handle, which will always open the door directly with or without power, normally located on the inside of the room.
To change side, just unscrew the Allen screw and screw it in on the opposite side.

FAIL SECURE - FAIL SAFE

The lock is available in both Fail Secure (normal operation) and Fail Safe (reversed operation) irrespective of the size chosen.

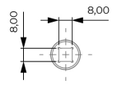
REVERSIBLE

It can work on any type of door, irrespective of whether they open to the left or right.

STANDARDS AVAILABLE

Available in different sizes meeting standards:

9/9
8/8
7/7



DORCAS

SELF-LOCKING

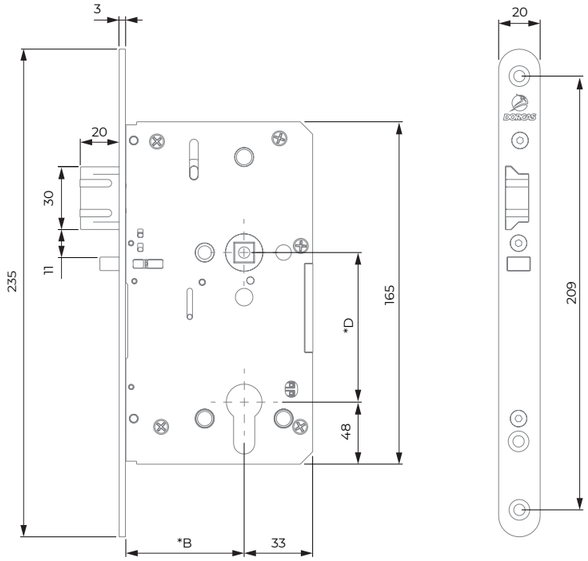
SC-LOCK

The SC-LOCK panic electric lock has a latch which is also a self-locking, anti-thrust security bolt. **The lock is locked at the same time the door is closed**, and can be unlocked using the handle, the key cylinder or electrically.

MAXIMUM SECURITY · FAIL SECURE · FAIL SAFE · 10/24 VDC · CE

NEEDLE (B*)	(50 / 60 / 65 / 70/ 80)
DISTANCE (D*)	PZ CYLINDER (70 / 72 / 88 / 92)
	RC CYLINDER (74 / 78 / 90 / 94)

B* = Distance between the centre of the cylinder and the front.
D * = Distance between the centre of the cylinder and the follower.



INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	No
Height	165 mm
Width	15 mm
Depth	B* + 33 mm
Electrically tested cycles	200,000
Work temperature range	-10 / +50 °C
Cylinder	European

FUNCTIONS

Automatic closing	Yes
Opening	Manual/Electrical
Anti-thrust	Yes
Monitoring	Yes
Acoustic signal	Yes
Panic handle	Optional

MODELS

CABLE

55/72
60/72
60/92
65/72

Power supply — 12 VDC
Consumption — 0.5 A

With just 2 wires, SC-Lock Cable transmits both power supply and status (monitoring) signals via the I/O Module.

WIRELESS

55/72
60/72
60/88
65/72
70/72
35/92
40/72
50/72
40/72
50/72
65/72
60/70

Battery — 2 x 1.5 V / 0.21 A batteries

Wireless SC-Lock is the battery version of the SC-Lock locks. It has all the benefits of a self-locking electromechanical lock but without the need to wire the door or frame thanks to a built-in battery that lasts for 18 months.
Easy battery replacement.

INDUCTIVE

55/72
60/72
35/92
45/72

Power supply — 9-24 VDC
Consumption — 530 mA (9 V)
400 mA (12 V)
200 mA (24 V)

The inductive version of the SC-Lock is ideal for installations where it is not possible to wire the door leaf but power supply is available in the frame.
With the inductive mode, electricity is transferred to the lock in order to charge the battery while the door is closed.

SELF-LOCKING

The SC-LOCK electric lock provides high security thanks to the self-closing feature and its 20 mm bolt.

PANIC

The panic feature ensures that it can always be opened from inside the room.

MONITORING

Monitoring and multiple electrical opening modes available thanks to the electronic I/O module.

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

DORCAS MOTORISED

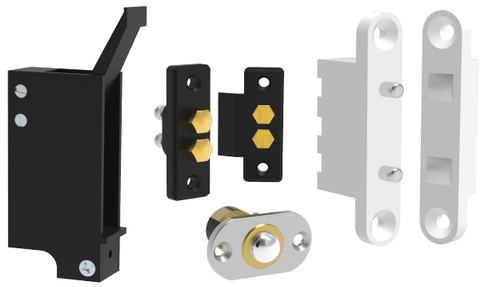
DORCAS

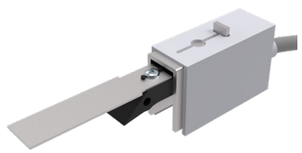
ACCESSORIES

ELECTRIC CONTACTS

Electric contacts serve to feed through electric current to the door frame when the door is closed.

They allow current to pass through them; one part is recessed in the frame while the other is installed in the door leaf with both parts having to be well aligned for the terminals to meet.



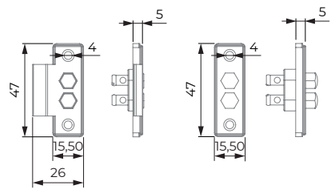


MODELS

2CN

Installation — Flush-mounted
Material — ABS
Maximum current — 2 A
Number of terminals — 2

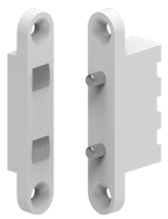
Ref. White: *E-2CN----------*
Ref. Black: *E-2CN/N---------*

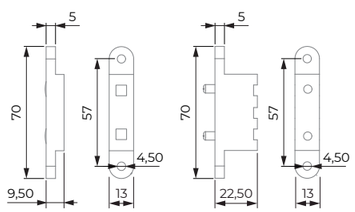


2C

Installation — Flush-mounted
Material — ABS
Maximum current — 2 A
Number of terminals — 2

Ref. White: *E-2C----------*
Ref. Black: *E-2C/N---------*

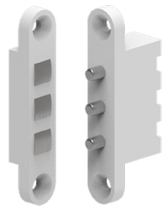


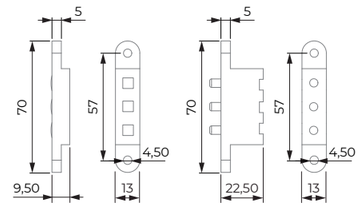


3C

Installation — Flush-mounted
Material — ABS
Maximum current — 2 A
Number of terminals — 3

Ref. White: *E-3C----------*
Ref. Black: *E-3C/N---------*

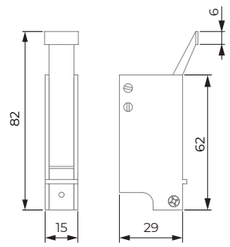




4C

Installation — Flush-mounted
Material — ABS
Maximum current — 3 A
Number of terminals — 3 (Lever)

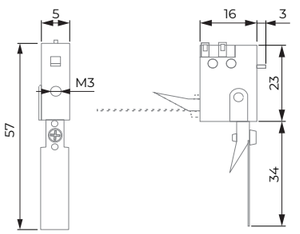
Ref: *E-4C----------*



6C

Installation — Flush-mounted
Material — Stainless steel
Maximum current — 2 A
Number of terminals — 2

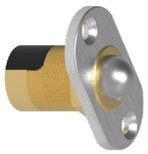
Ref: *E-6C----------*

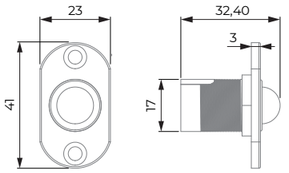


CM2

Installation — Flush-mounted
Material — Metal/Plastic
Maximum current — 2 A
Number of terminals — 1

Metal ref.: *E-CM2----------*
Plastic ref.: *E-CM1----------*





DORCAS ACCESSORIES

DOOR LOOPS

Door loops are a safe way of carrying the electrical wiring from the door frame to the leaf. The wiring is concealed and protected inside.

They adapt to wooden, metal or PVC doors.

We have different models and lengths. Special sizes made to order.

MODELS

X1

Surface-mounted cable ducts, suitable for any kind of door, protects cables from damage, made in flexible material.

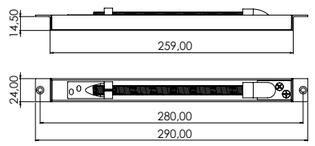
Base for holding the door.

Ref: *E-30094*---------
Ref: *E-X1*----------

X2

Flush-mounted cable duct, medium size, concealed with the door closed, mounted between door and frame on the hinges part. Finishes at 90°

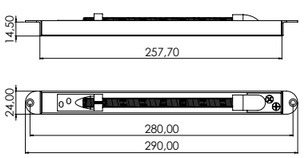
Ref: *E-30095*---------
Ref: *E-X2*----------



X2R

Flush-mounted cable duct, concealed with the door closed, mounted between door and frame on the hinges part. Rounded finishes.

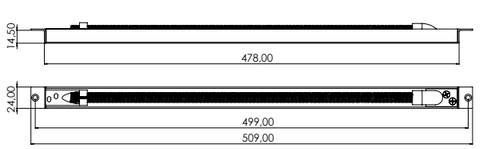
Ref: *E-30096/30*------
Ref: *E-X2R*----------



X2B

Flush-mounted cable duct, large size, concealed with the door closed, mounted between door and frame on the hinges part. Finishes at 90°

Ref: *E-30096*---------
Ref: *E-X2B*----------

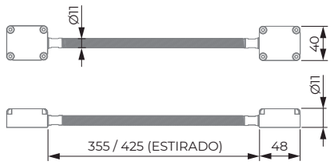


X3

Flexible tube suitable for any kind of door, protects cables from damage, made in flexible material.

Square base for holding the door.

Ref: *E-X3*----------



DORCAS

ACCESSORIES

PUSH BUTTONS

New range of DORCAS push buttons/switches, easy and quick to install models on offer.

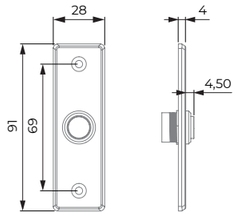
Most of the models have backlighting on the push button. Other models offer LED signalling that changes colour to indicate changes in status, like models PL10 and PL12.

MODELS

PL1 LED

- Installation — Flush-mounted
- Material — Stainless steel
- Maximum current — 3 A / 36 V
- Output contacts — COM / NC / NO
- Backlighting — Yes

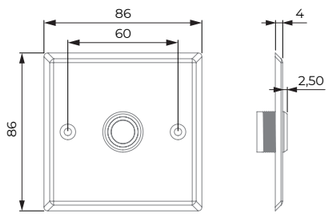
Ref: *E-PL1----------*



PL2 LED

- Installation — Flush-mounted
- Material — Stainless steel
- Maximum current — 3 A / 36 V
- Output contacts — COM / NC / NO
- Backlighting — Yes

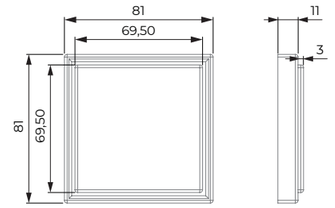
Ref: *E-PL2----------*



PL5

- Installation — Flush-mounted
- Material — Polycarbonate
- Maximum current — 10 A / 250 V
- Output contacts — COM / NO
- Backlighting — No

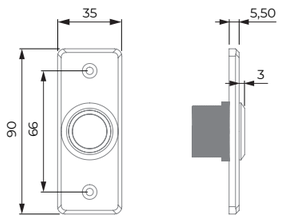
Ref: *E-PL5----------*



PL10 NO TOUCH

- Installation — Flush-mounted
- Material — Aluminium
- Maximum current — 3 A / 36 V
- Output contacts — COM / NC / NO
- Backlighting — Yes (LED)

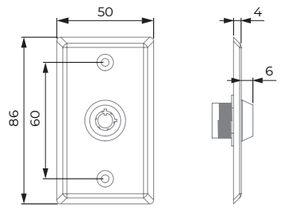
Ref: *E-PL10---------*



PL11

- Installation — Flush-mounted
- Material — Stainless steel
- Maximum current — 3 A / 36 V
- Output contacts — COM / NC / NO
- Backlighting — No

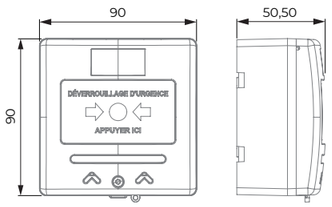
Ref: *E-PL11---------*



PL15

- Installation — Surface-mounted
- Material — Plastic
- Maximum current — 12/24 VDC
- Output contacts — (x2) NC / NO
- Backlighting — Yes (LED)

Ref: *E-PL15---------*



DORCAS

ACCESSORIES

LATCHES AND DEADBOLTS

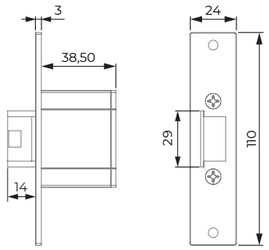
Dorcas completes the range of products with latches and deadbolts to be combined and used in installations with our products.

MODELS

PI1

Latch with stainless steel front, suitable for wooden doors. Makes the installation more secure thanks to its zinc alloy body.

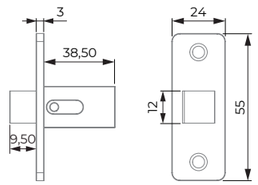
Ref: *E-PI1----------*



PI2

It has a locking system, securing the door once it is closed.

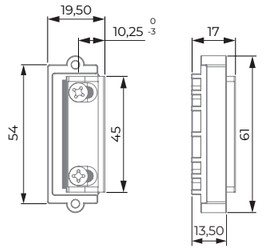
Ref: *E-PI2----------*



P10

'Dummy' model, if electrical operation for use when the installation is not yet finished, and during works. Thanks to its adjustable flap it can be adjusted to any latch.

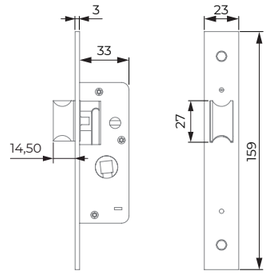
Ref: *E-30066---------*
Ref: *E-P10----------*



P11

The P11 latch is for flush-mounted installations. Its operation is without electric current and the opening is by handle.

Ref: *E-30066/E-------*
Ref: *E-P11----------*



WE ARE HERE! NEW

SOCIAL NETWORKS

WE ARE HERE!

Currently having an online presence is essential for any business, DORCAS adapts to the new times, so we spend time creating and managing content to help our followers by resolving doubts in a simple, visual and quick way, also informing about news in DORCAS.

Find us on Instagram, LinkedIn and Youtube, follow us and keep up to date with all our news.

medorcas ***medorcas_*** ***medorcas_***

All this, accompanied by a renewed website where you can find all the products, technical data sheets, instructions, etc.. With a product search engine so that customers can find the product that best suits their needs in a simple, fast and interactive way.

And as always, a telephone number available for technical/commercial support.

dorcas.com ***96 234 10 00***

NEWS

Keep up to date with what's new at DORCAS on our Instagram page, where new products and product highlights are uploaded.

EVENTS

If you want to get to know DORCAS products first hand, on Instagram we report on trade fairs and events we attend.

ONLINE TRAINING

The technical/commercial team uploads training videos on new products at both technical and commercial levels.

INSTALLATION VIDEOS

DORCAS offers you videos of installation and/or configuration of our products on our Youtube channel.

DORCAS PUBLICATIONS

Publications on the latest developments in the sector.

JOB OFFERS

If you are interested in working with us, don't miss the latest job offers available on LinkedIn.

AGILITY
INNOVATION
QUALITY

DORCAS

THANK YOU FOR INSPIRING US!

Edición 05/23
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